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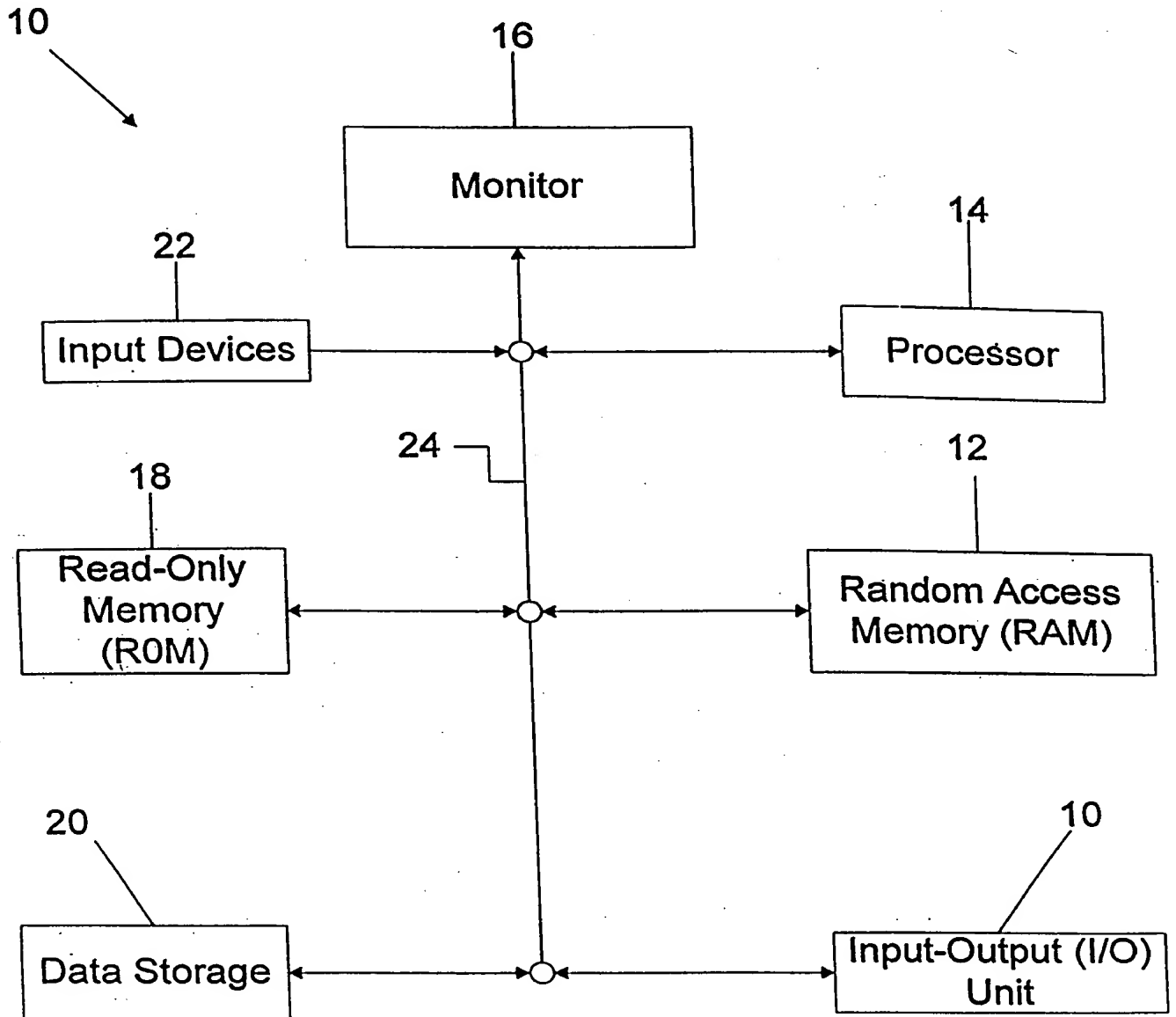


Fig. 1



12

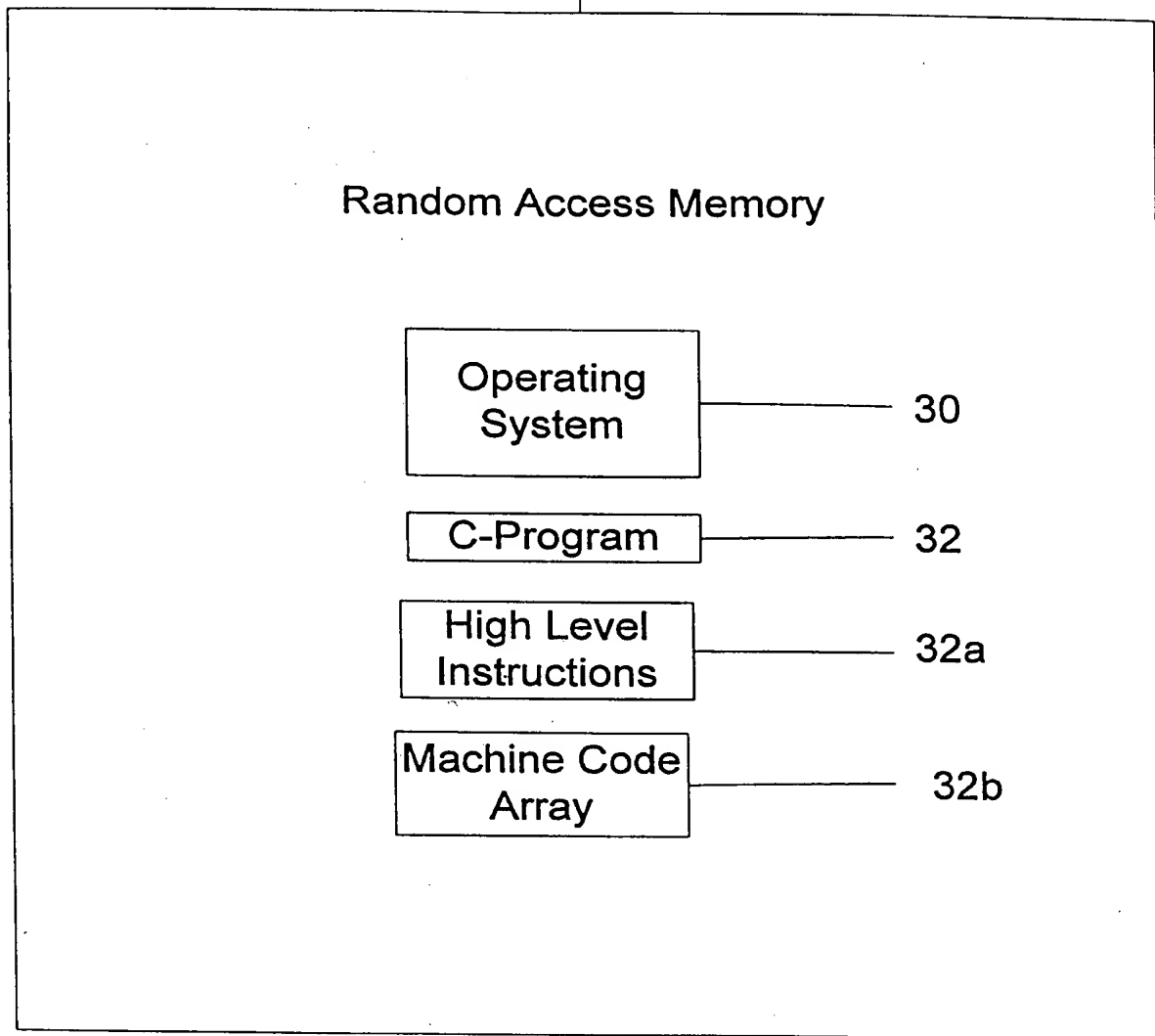


Fig. 2

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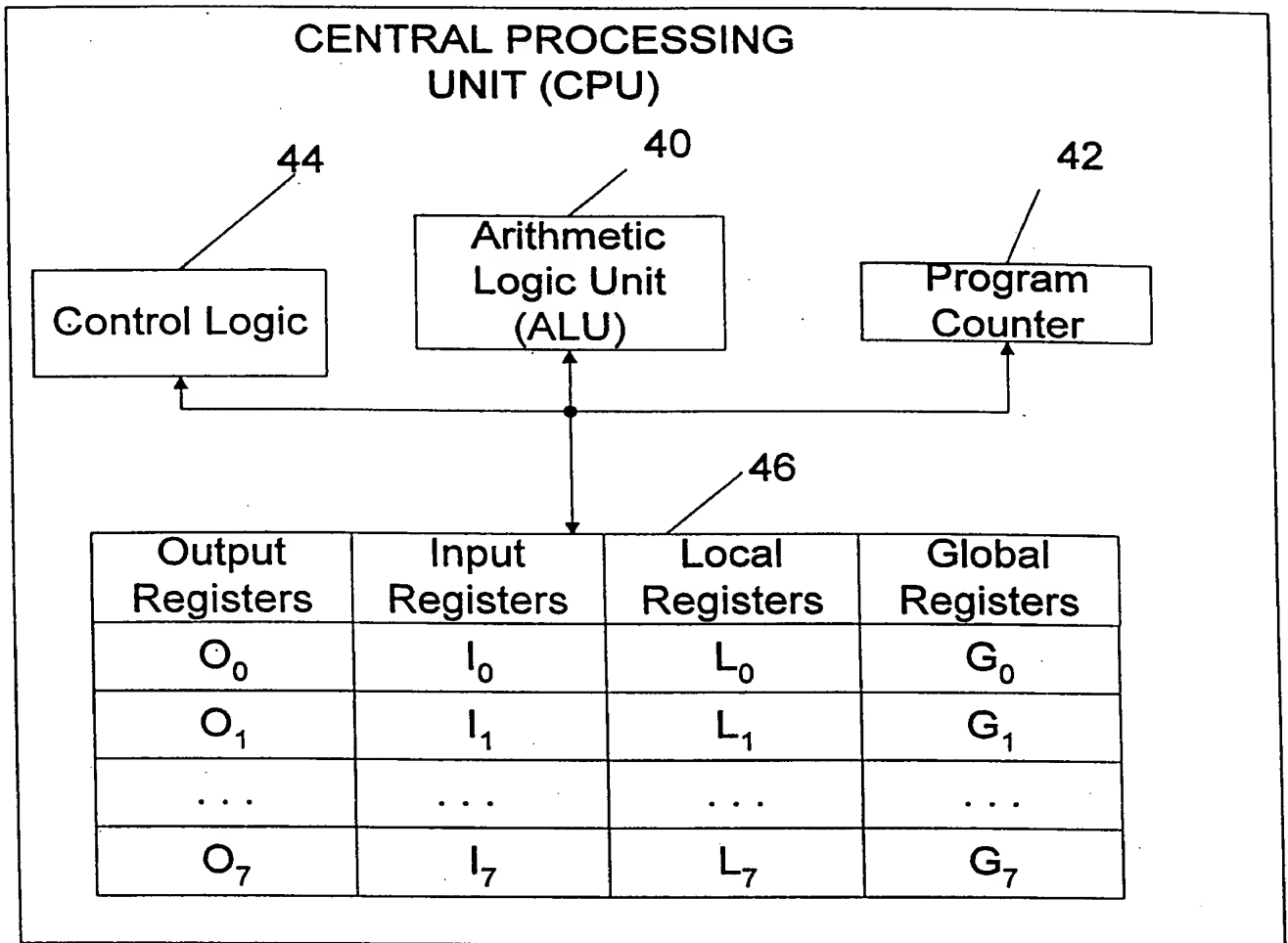


Fig. 3

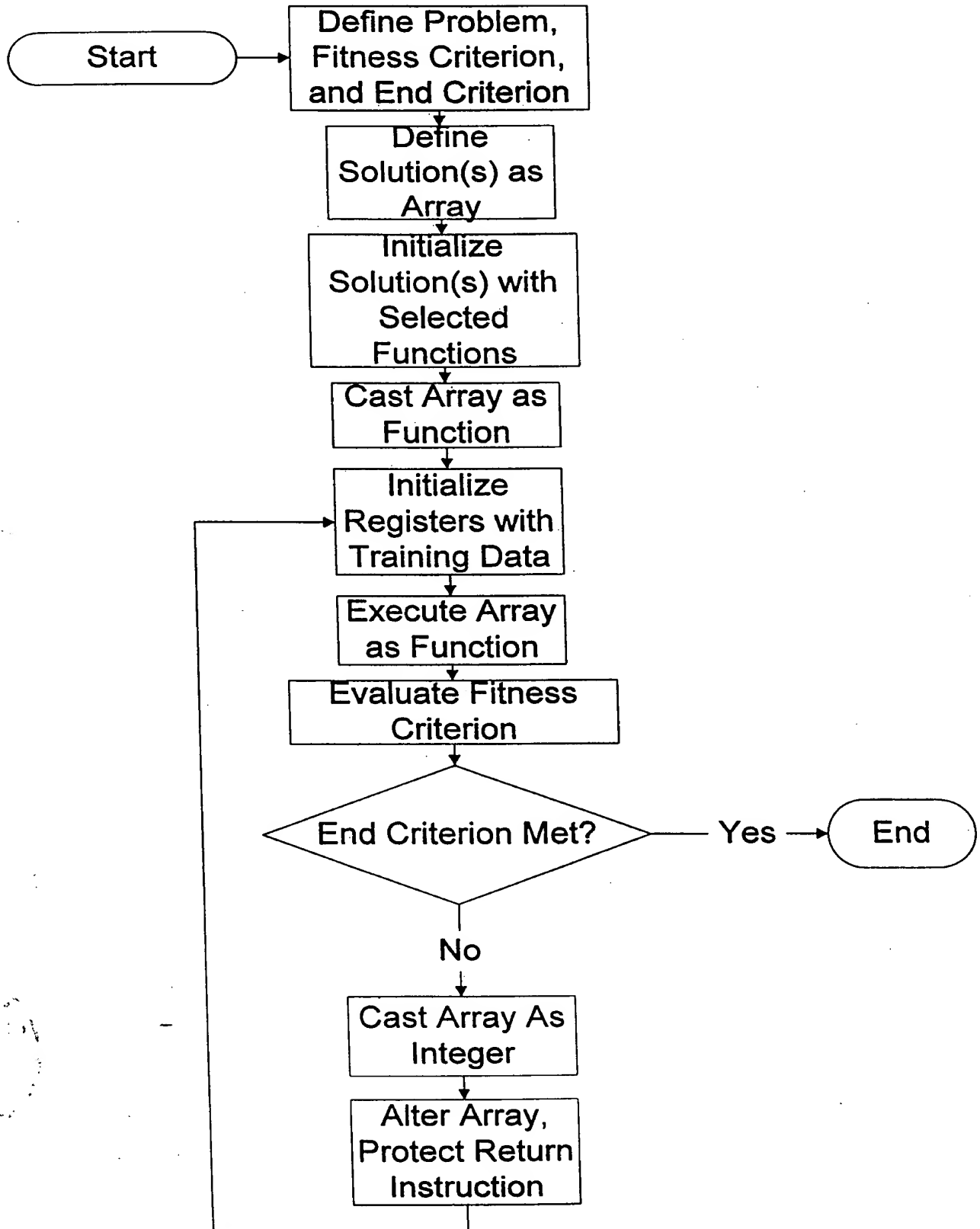


Fig. 4

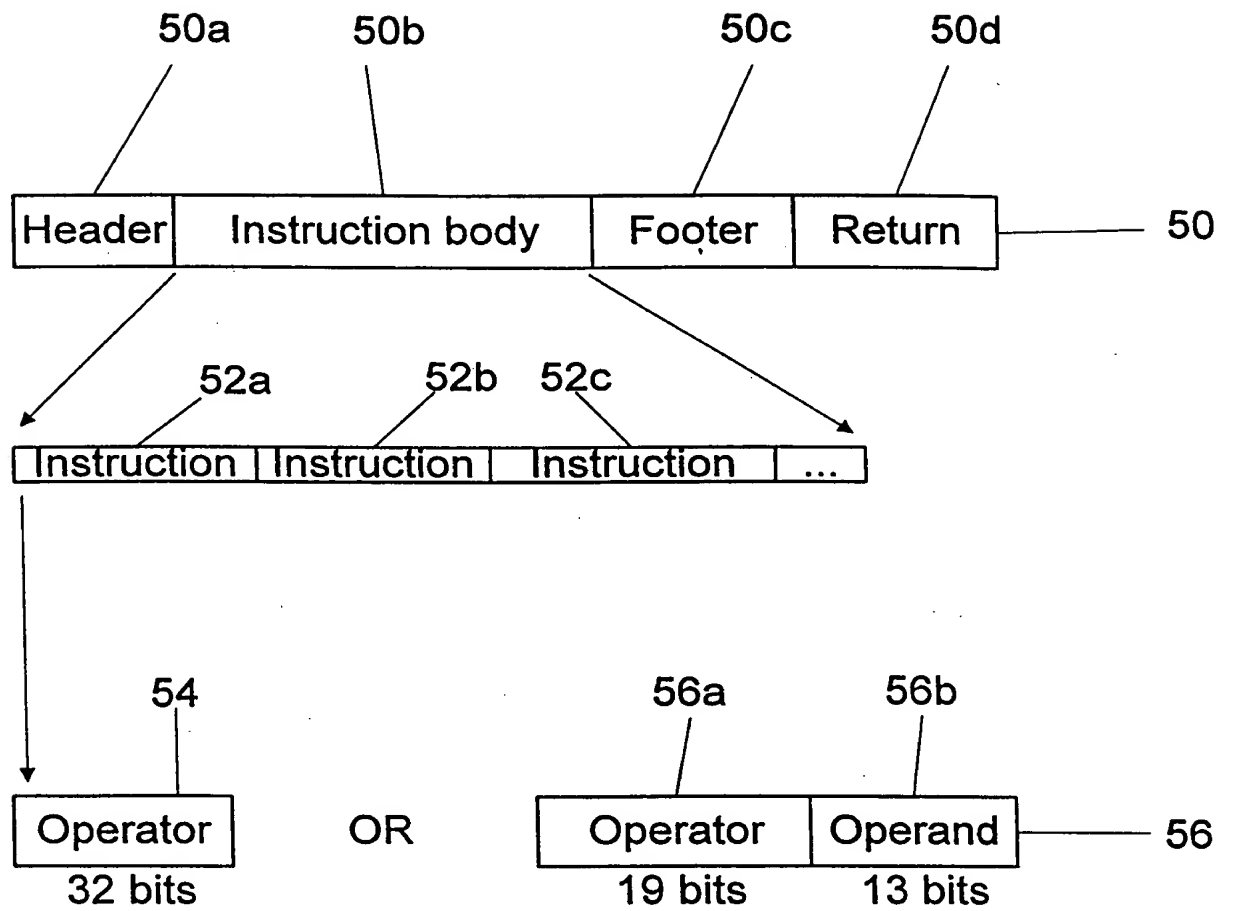


Fig. 5

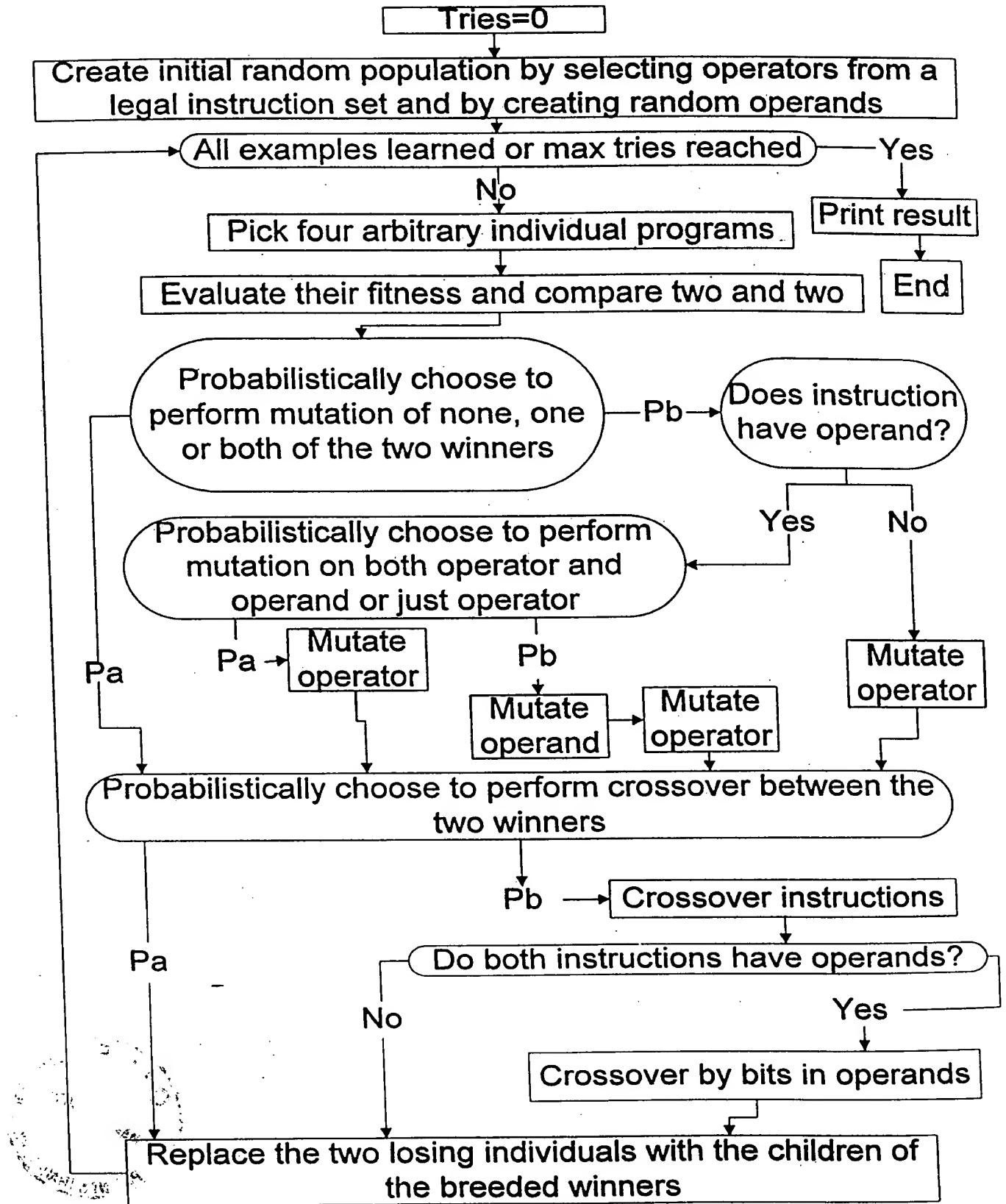


Fig. 6

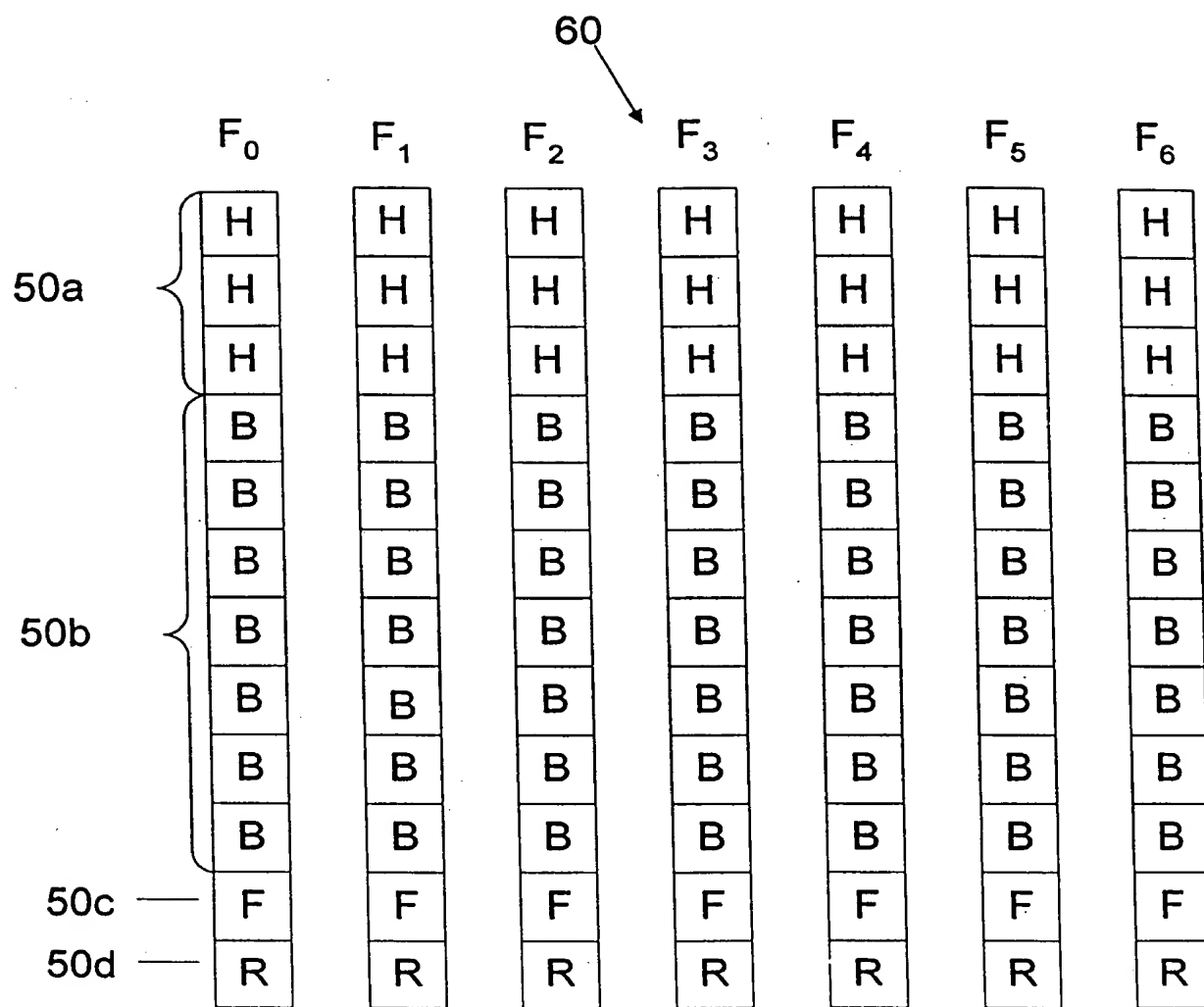


Fig. 7

62 — H H H H B B B B B B B B B B B B B B B B B F R

Fig. 8



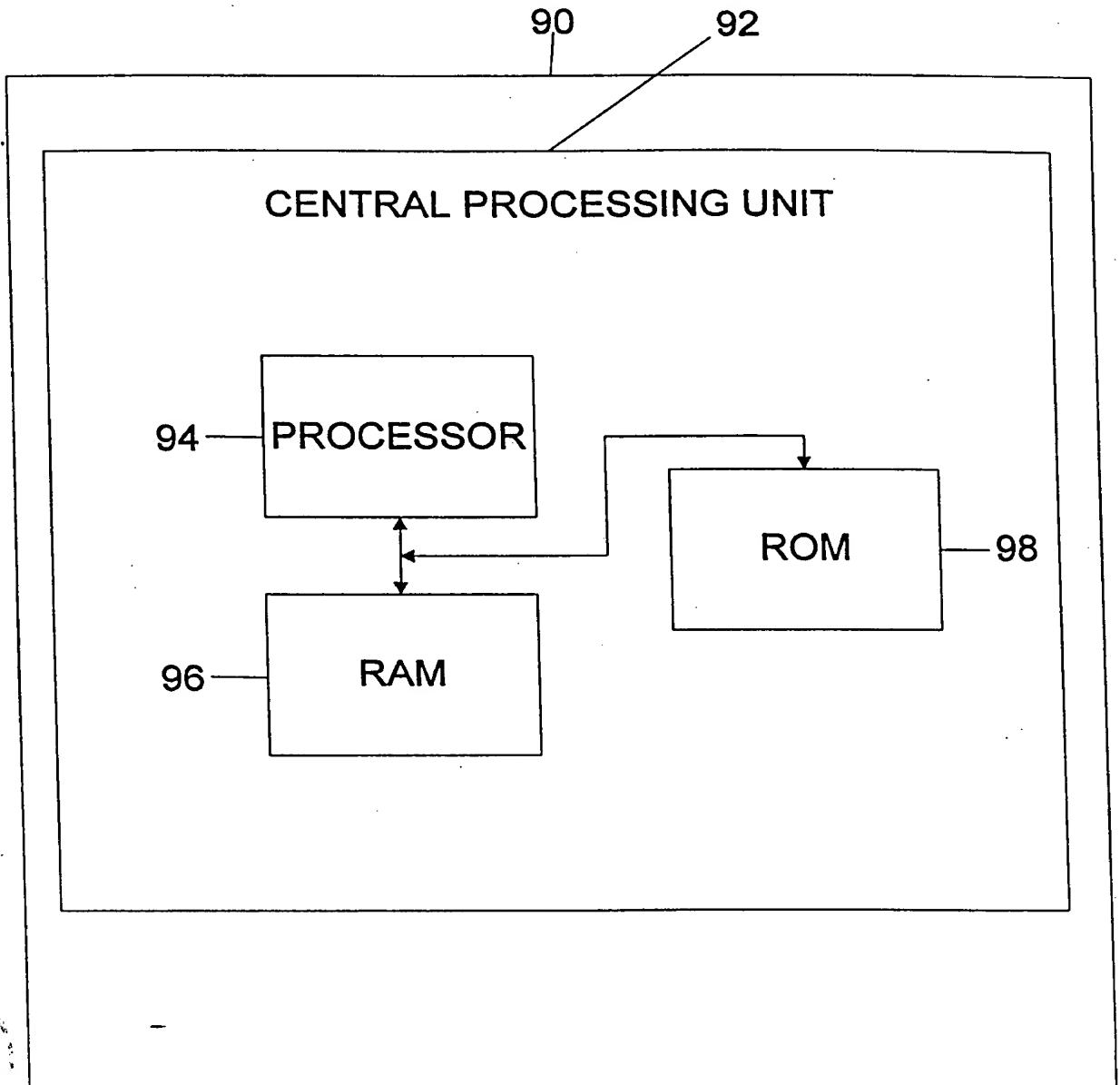


Figure 9

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Parents

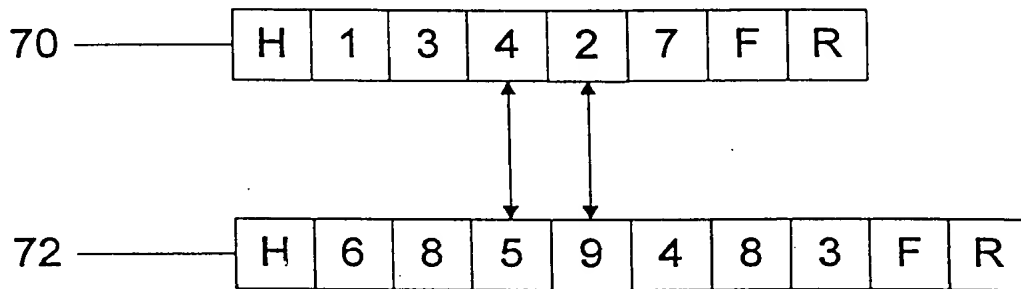


Fig. 10a

Children

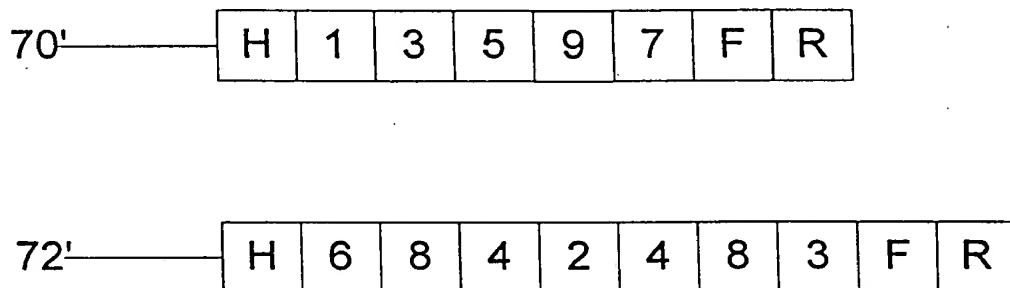


Fig. 10b

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Parents

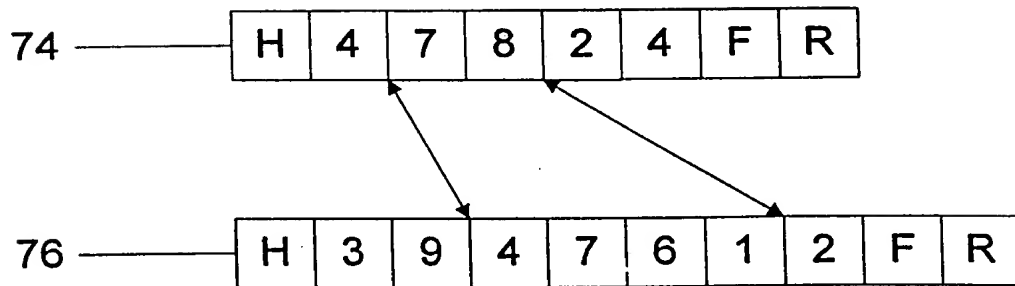
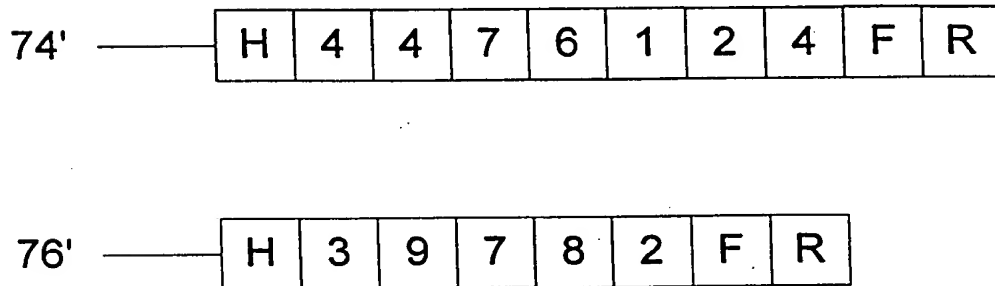


Fig. 11a

Children



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Fig. 11b

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PARENTS

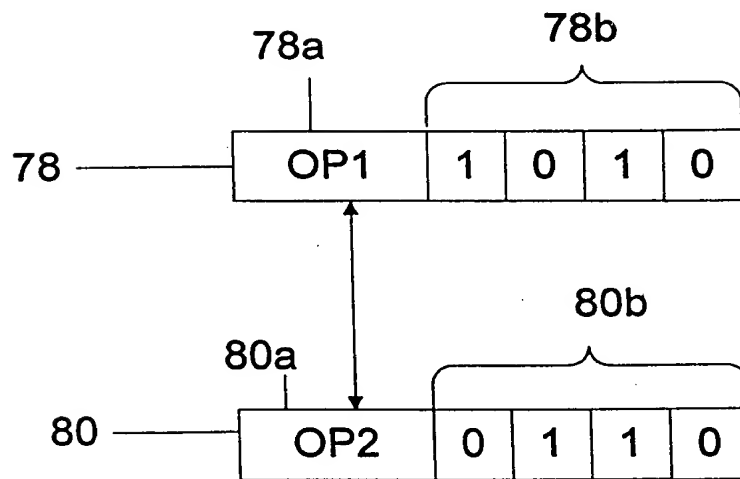


Fig. 12a

CHILDREN

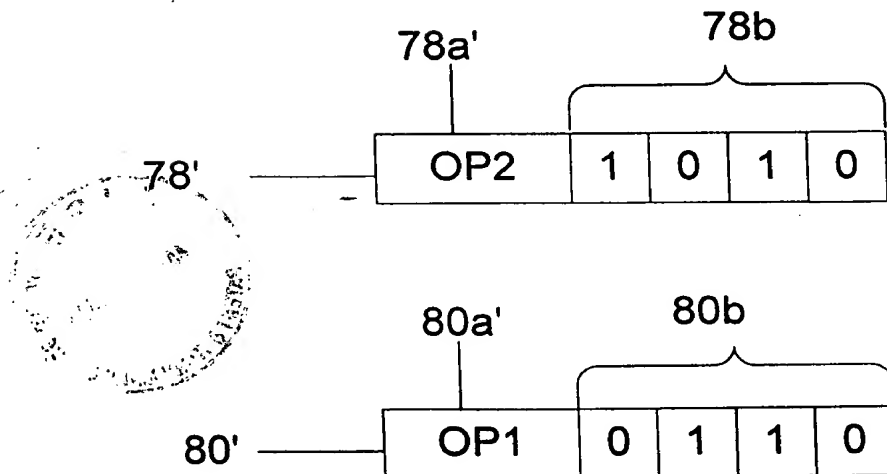


Fig. 12b

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PARENTS

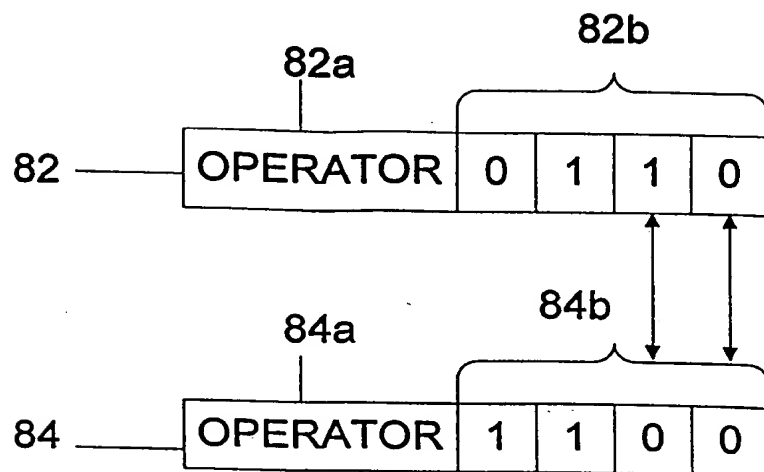


Fig. 13a

CHILDREN

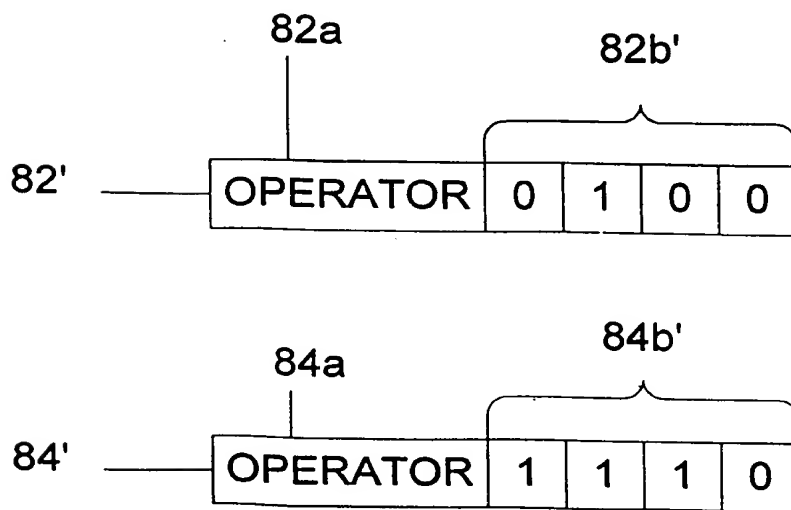


Fig. 13b

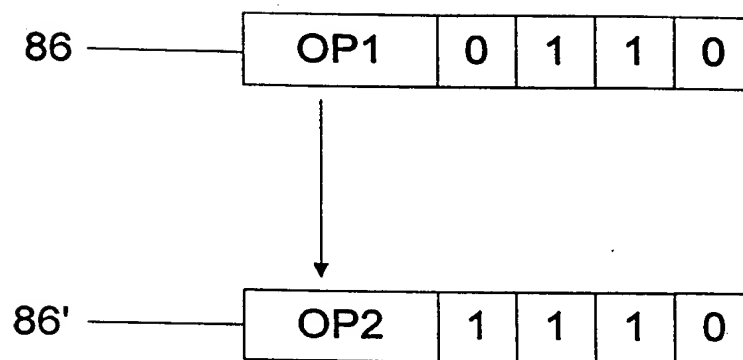


Fig. 14

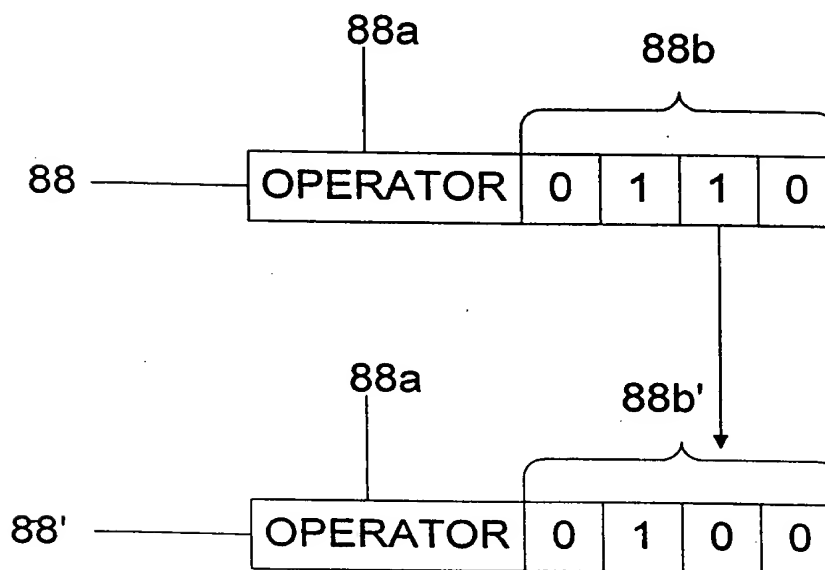
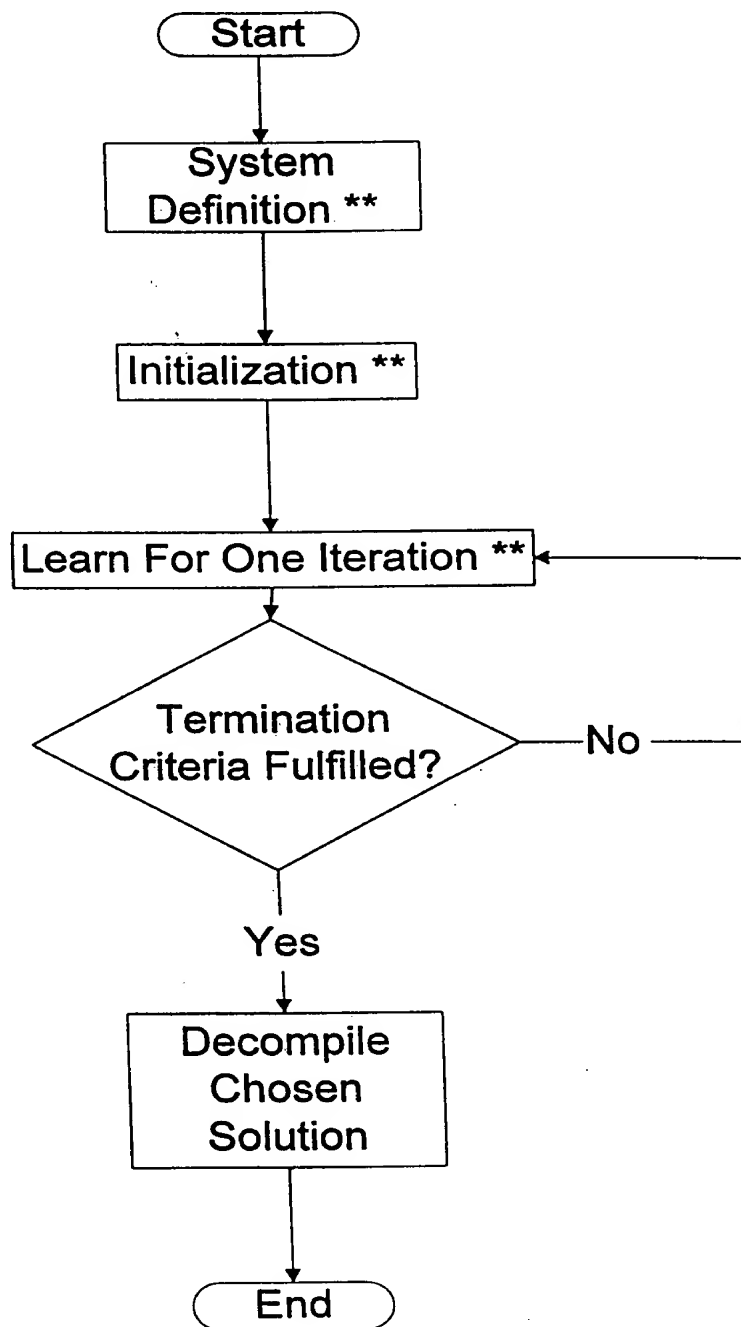
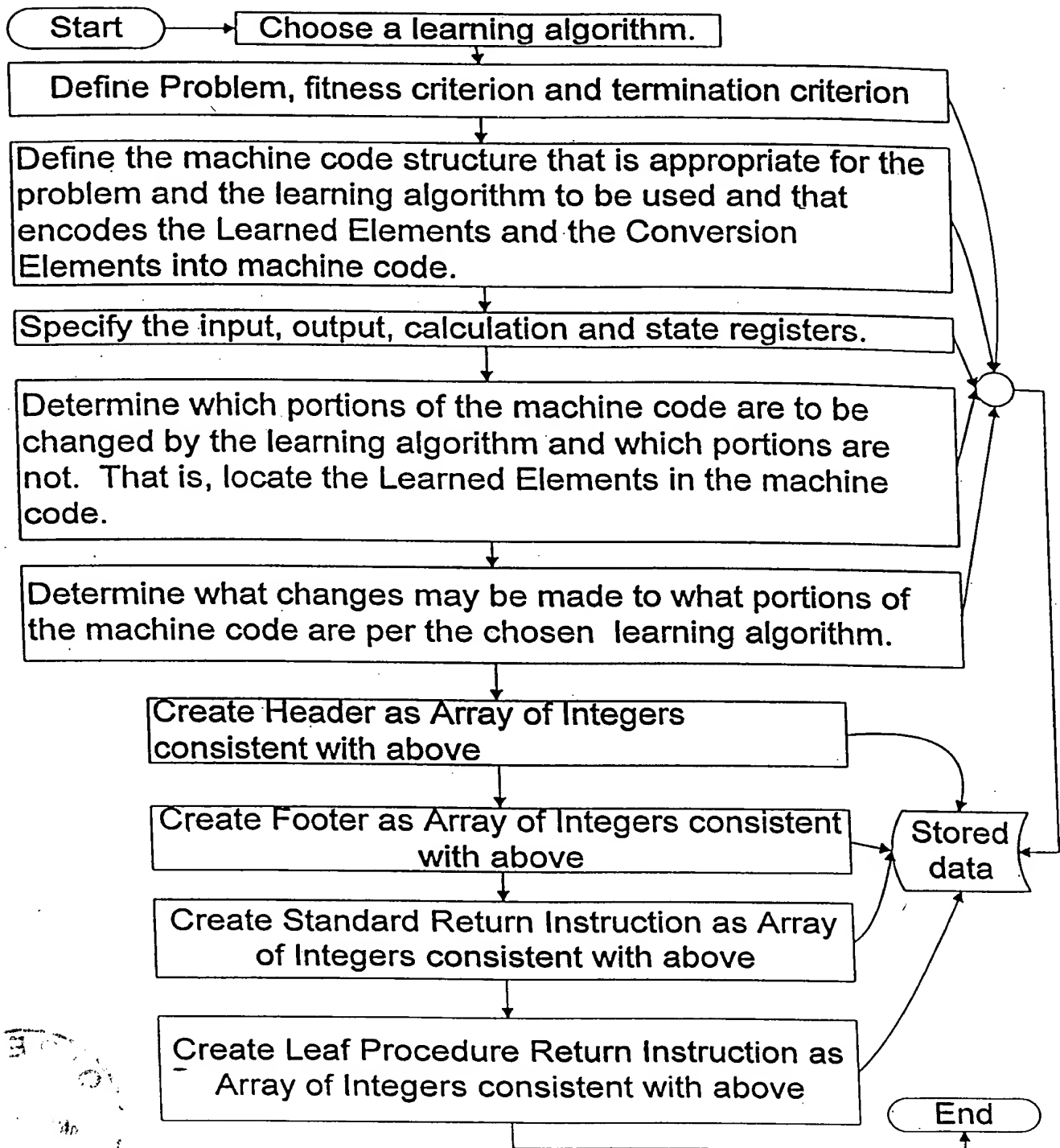


Fig. 15

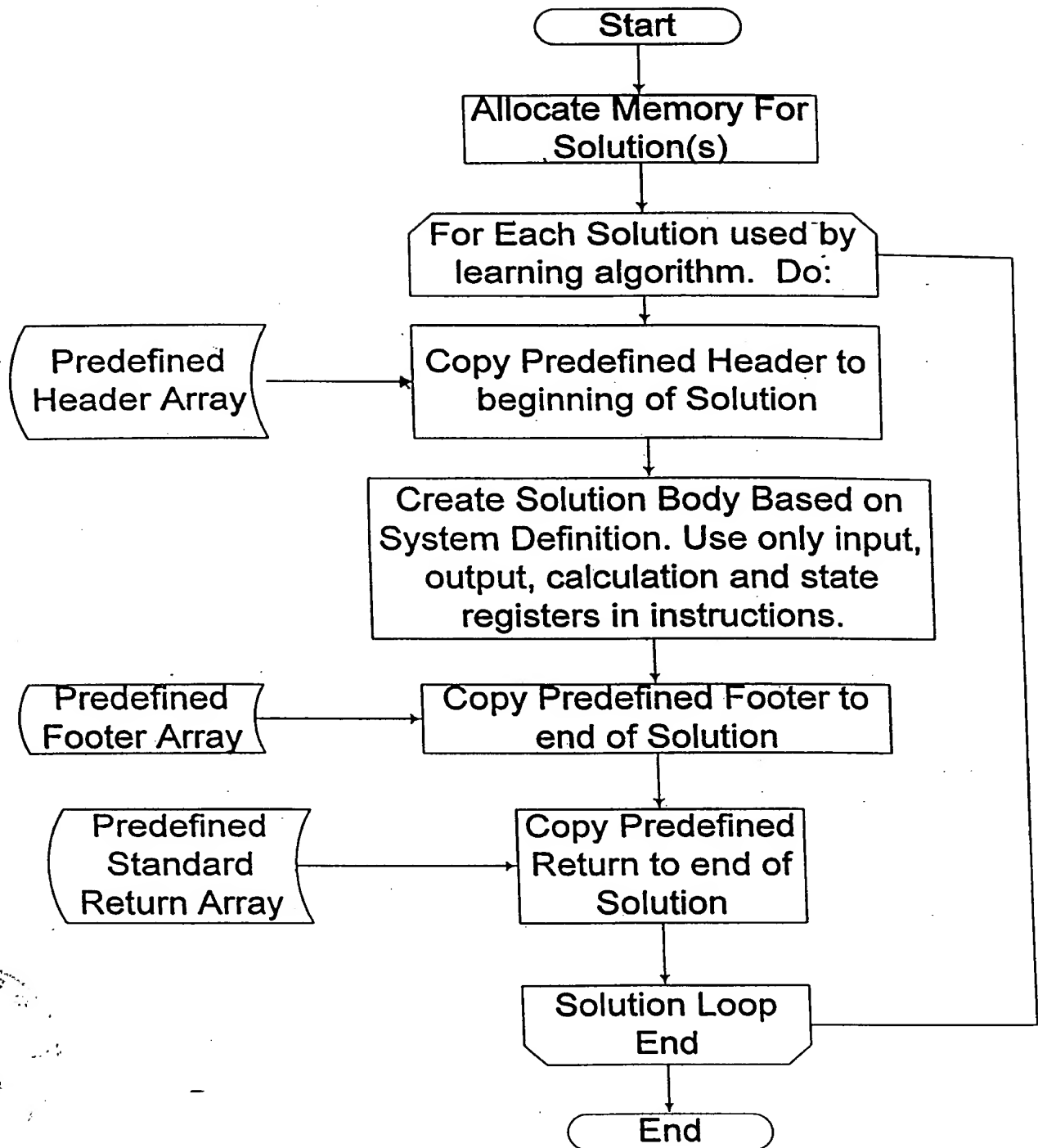


General Operation of the System

Fig. 16a

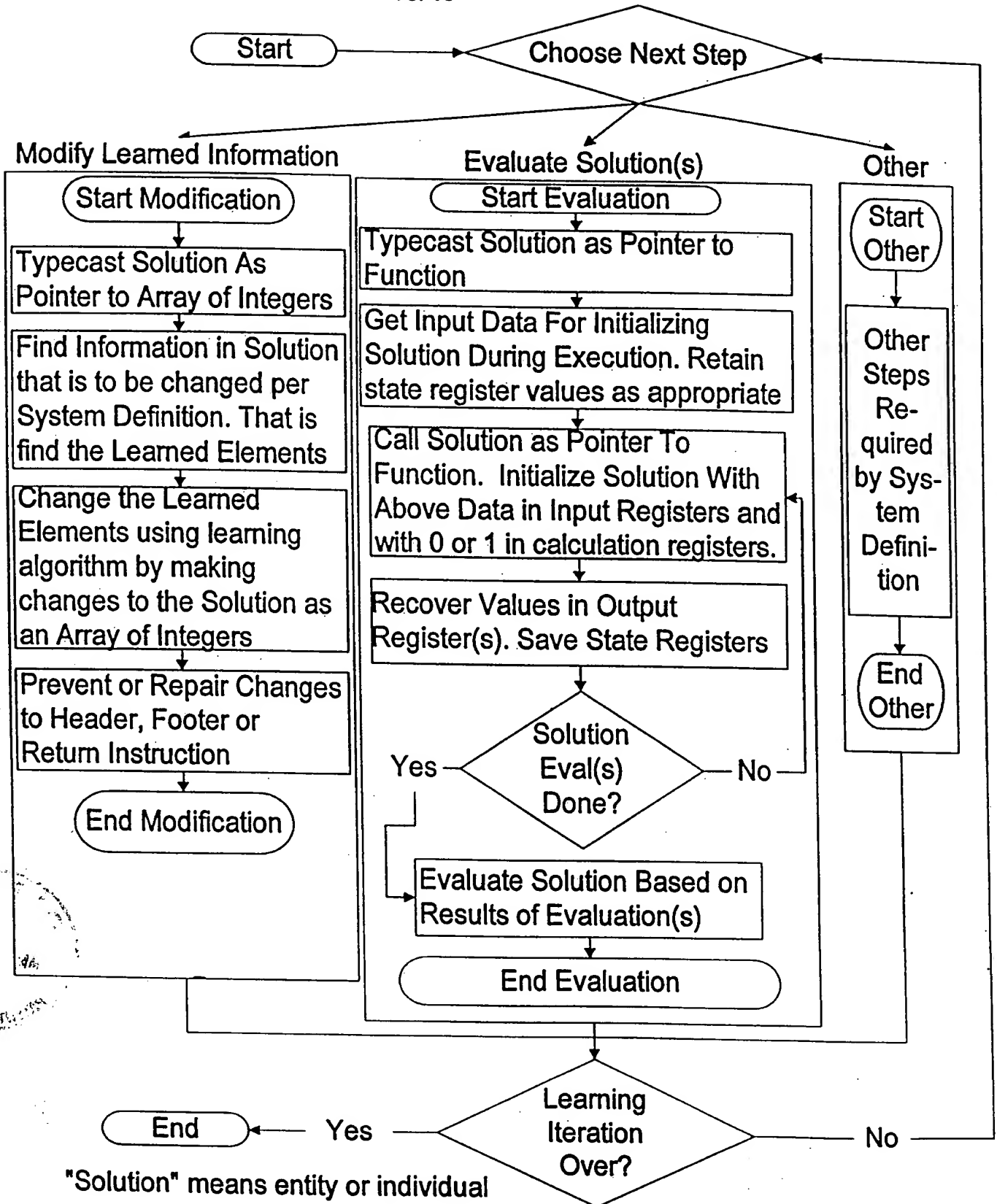


Details of System Definition
Fig. 16b



Initialization
Fig. 16c

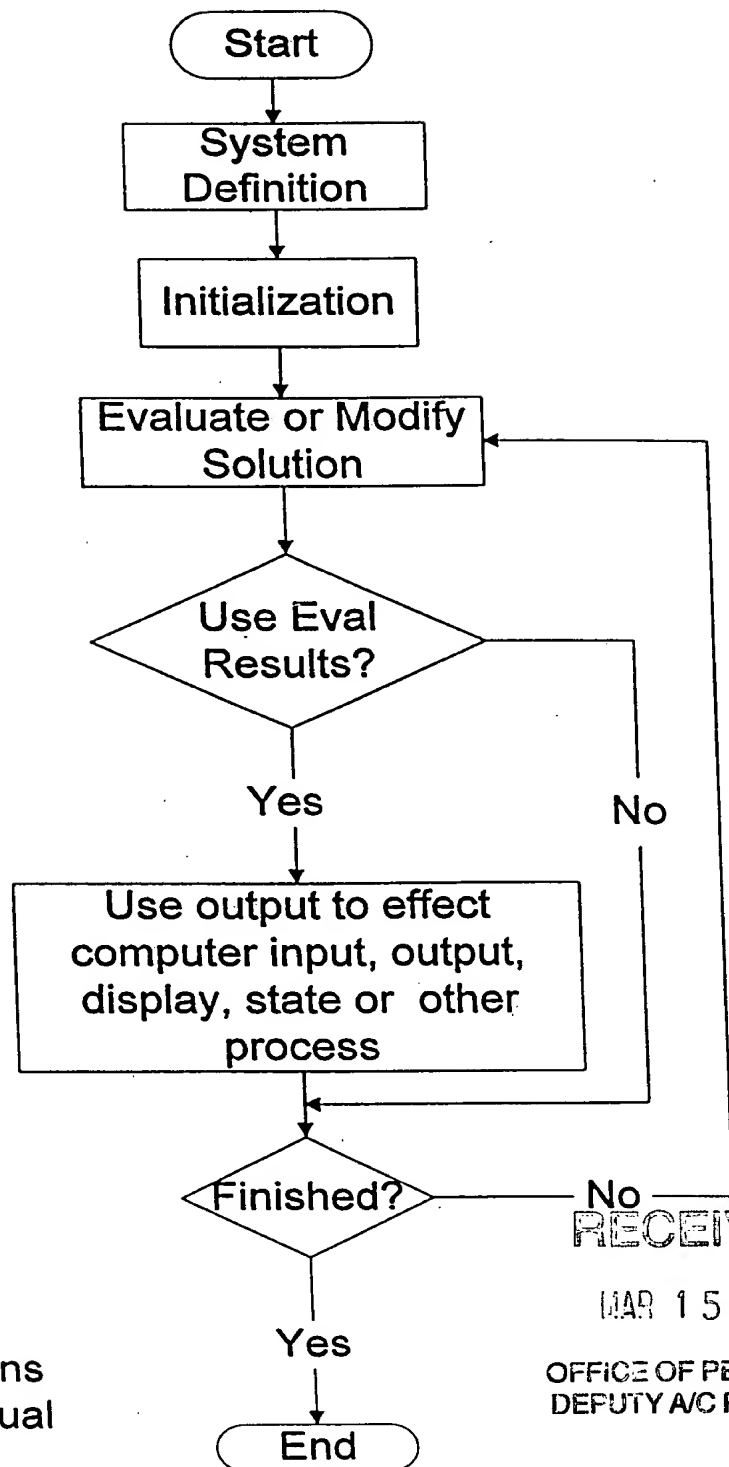
"Solution" means entity or individual



"Solution" means entity or individual

Learn for One Iteration
Fig. 16d

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"Solution" means
entity or individual

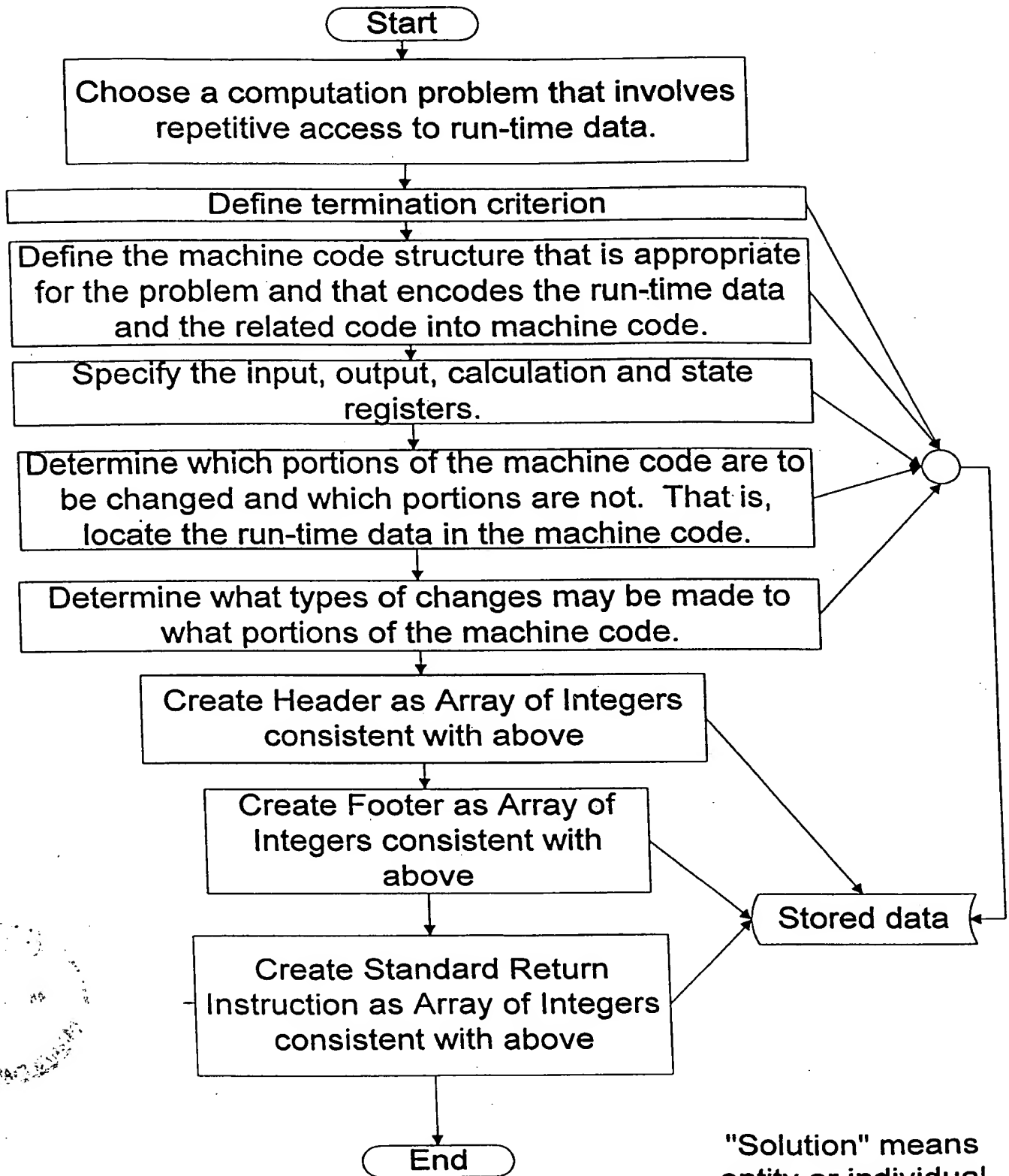
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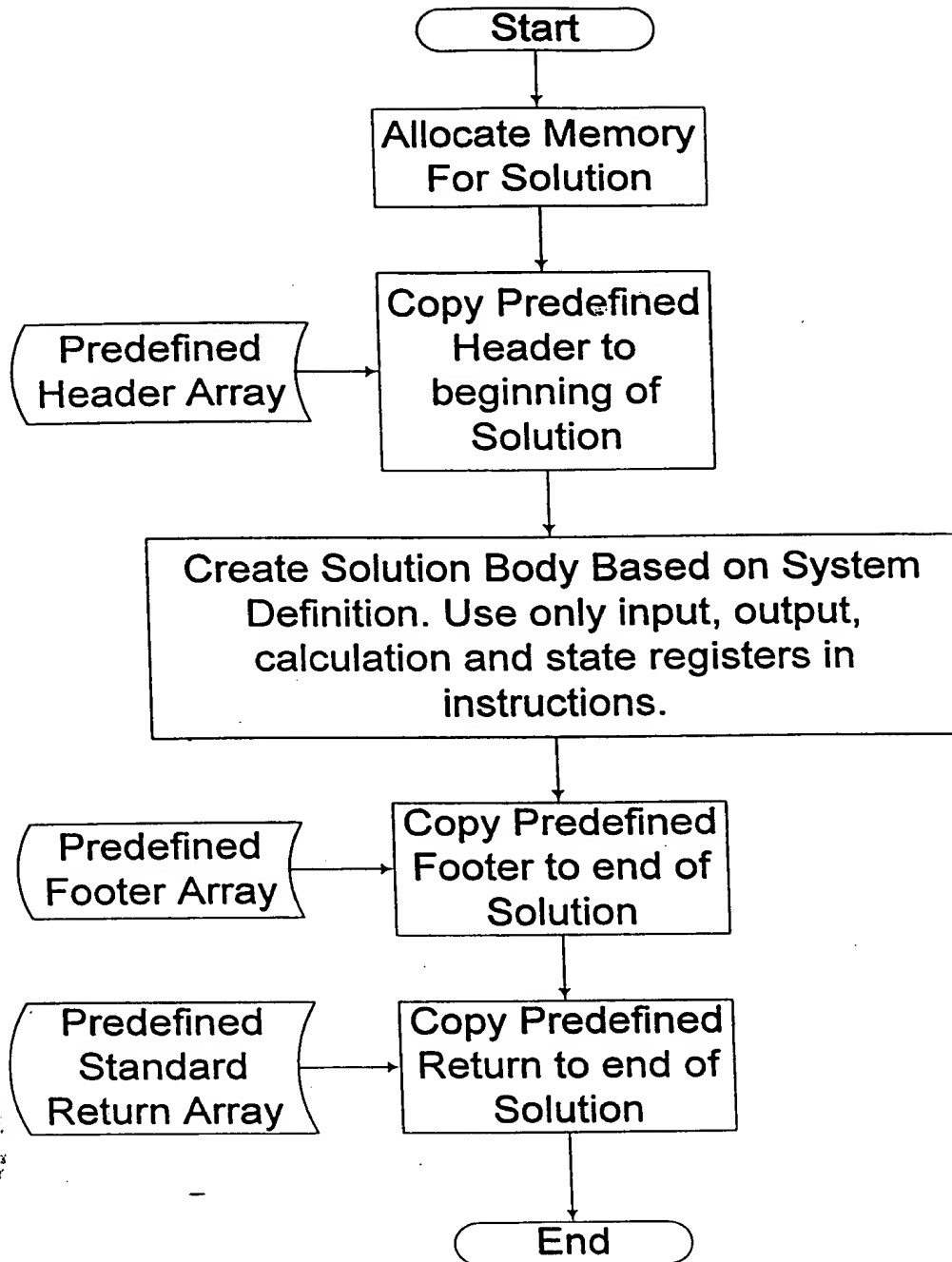
General Operation of the Invention As Repetitive Computation System

Fig. 17a



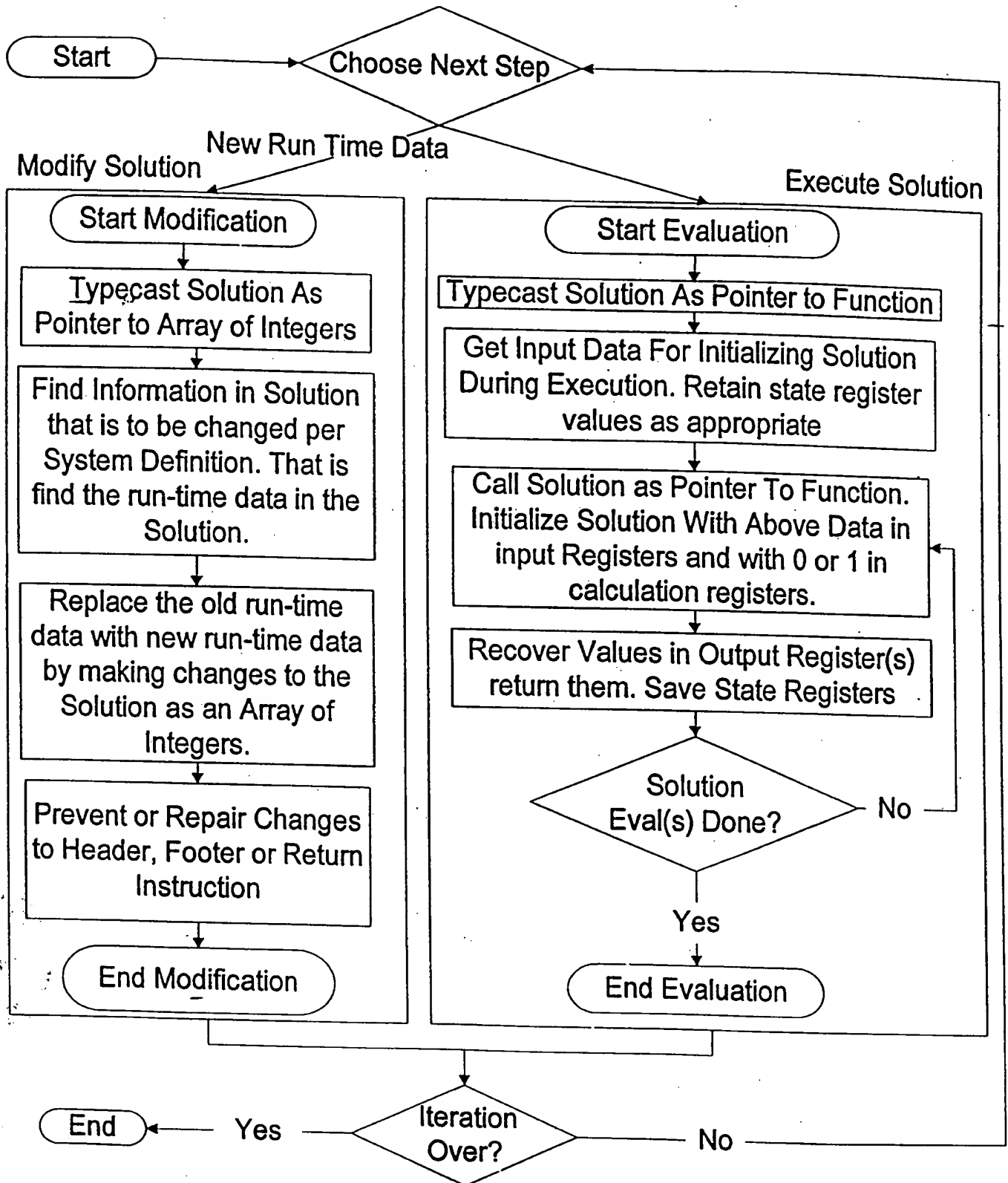
"Solution" means
entity or individual

System Definition
Fig. 17b



Initialization
Fig. 17c

"Solution" means entity or individual



"Solution" means
entity or individual

Evaluate or Modify Function
Fig. 17d

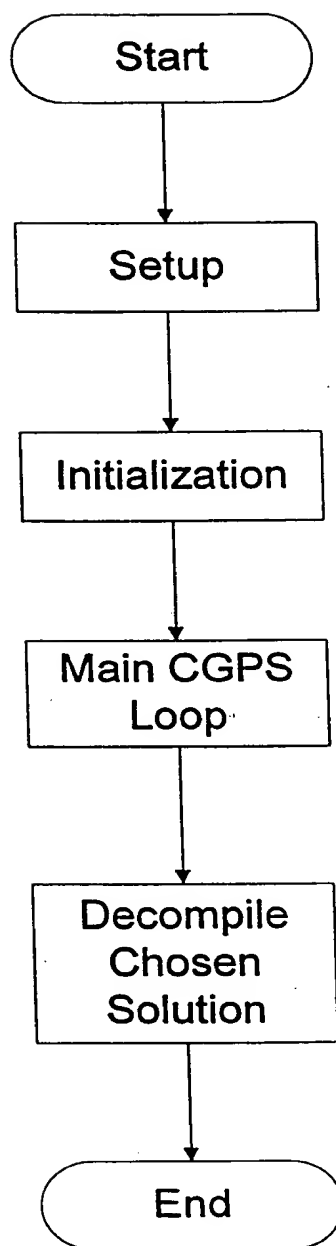
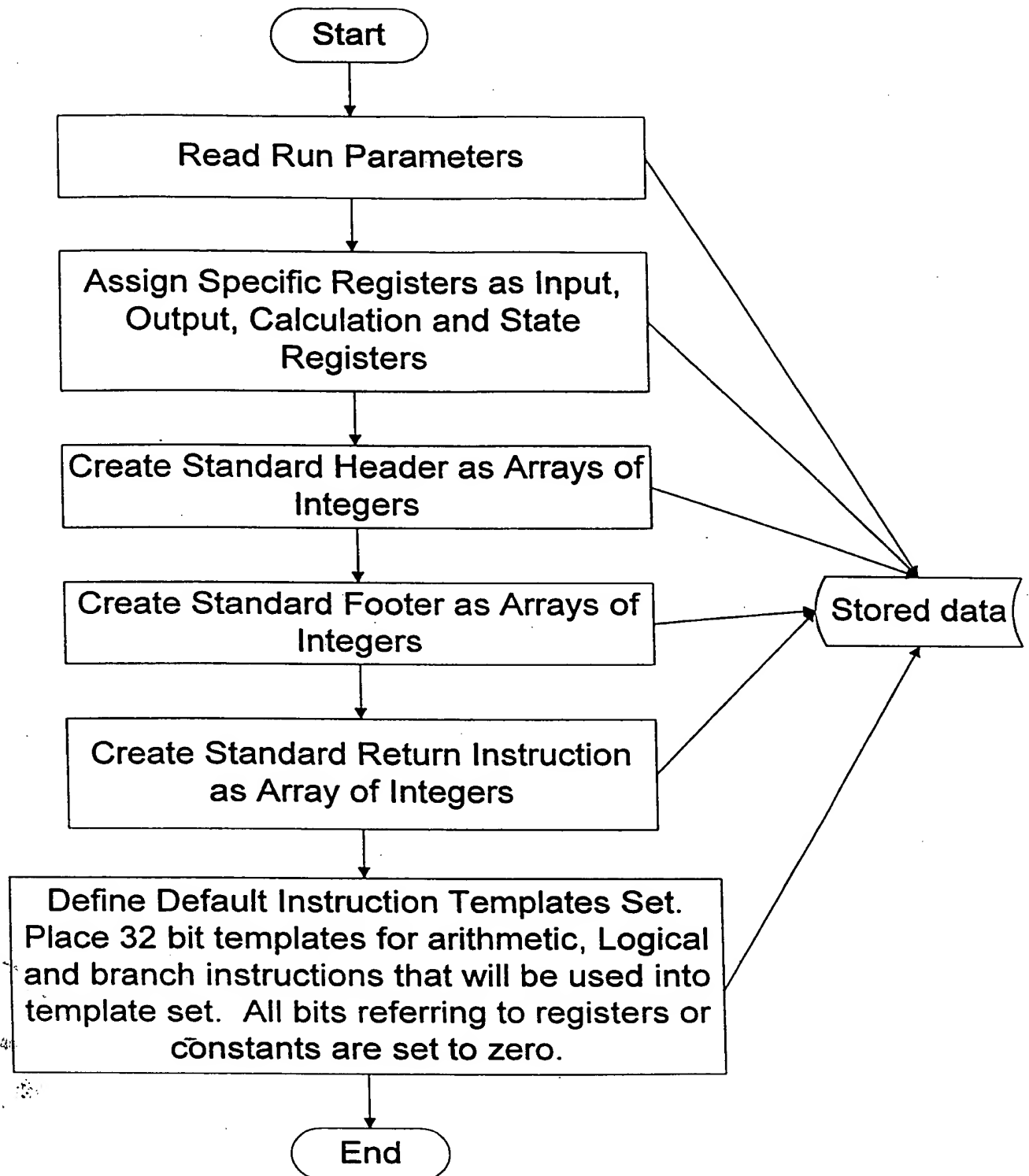
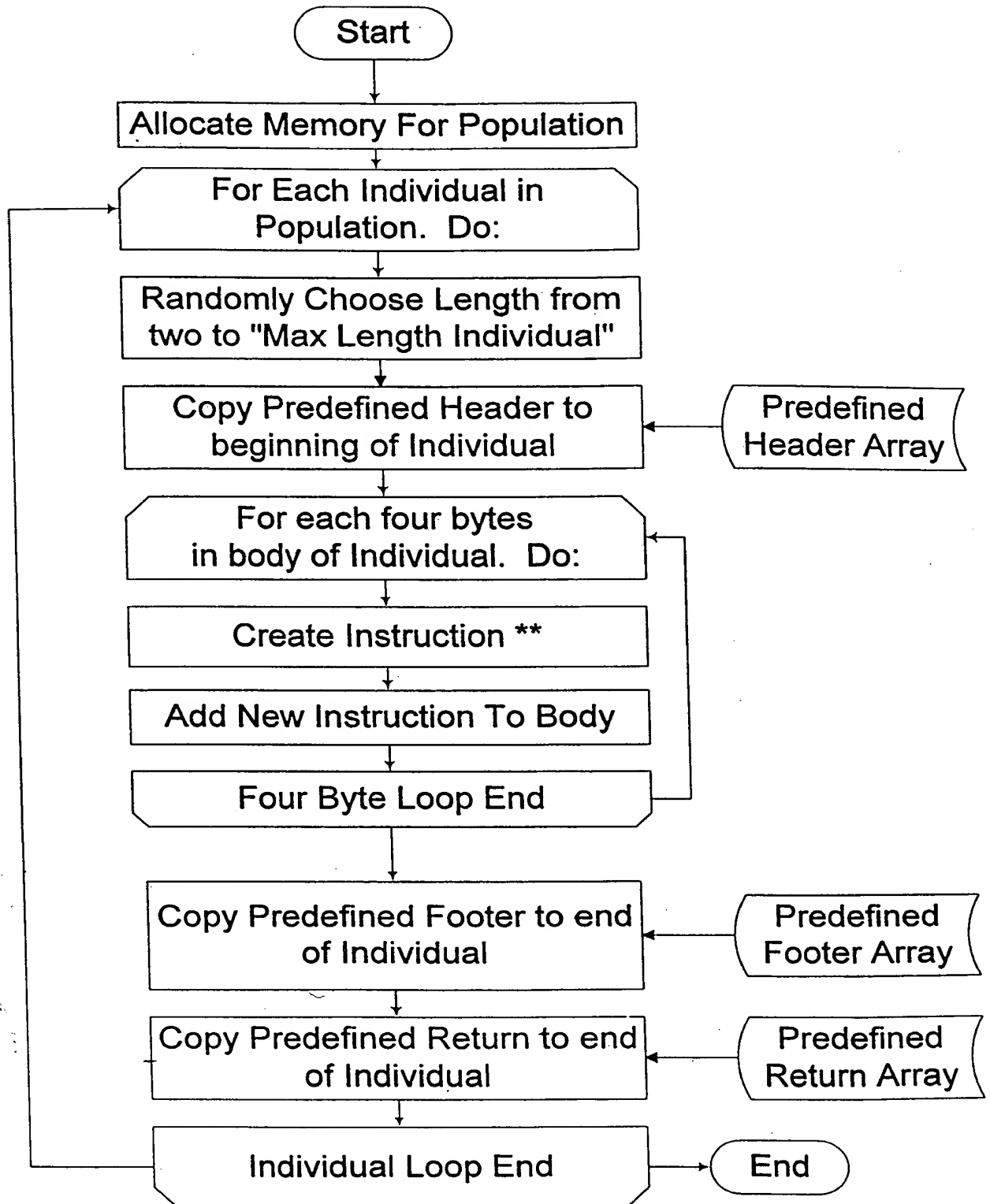


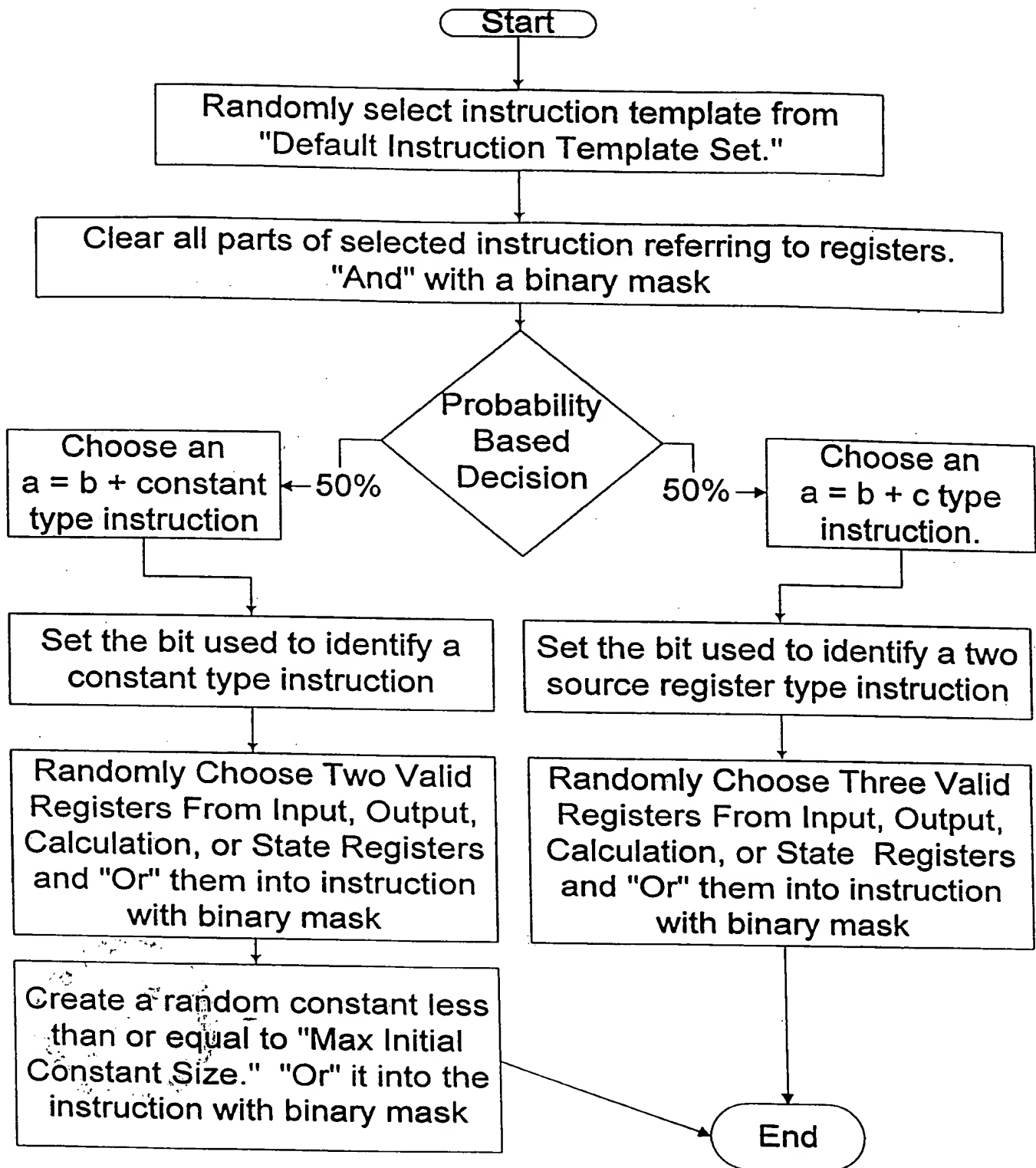
Fig. 18a



Setup
Fig. 18b

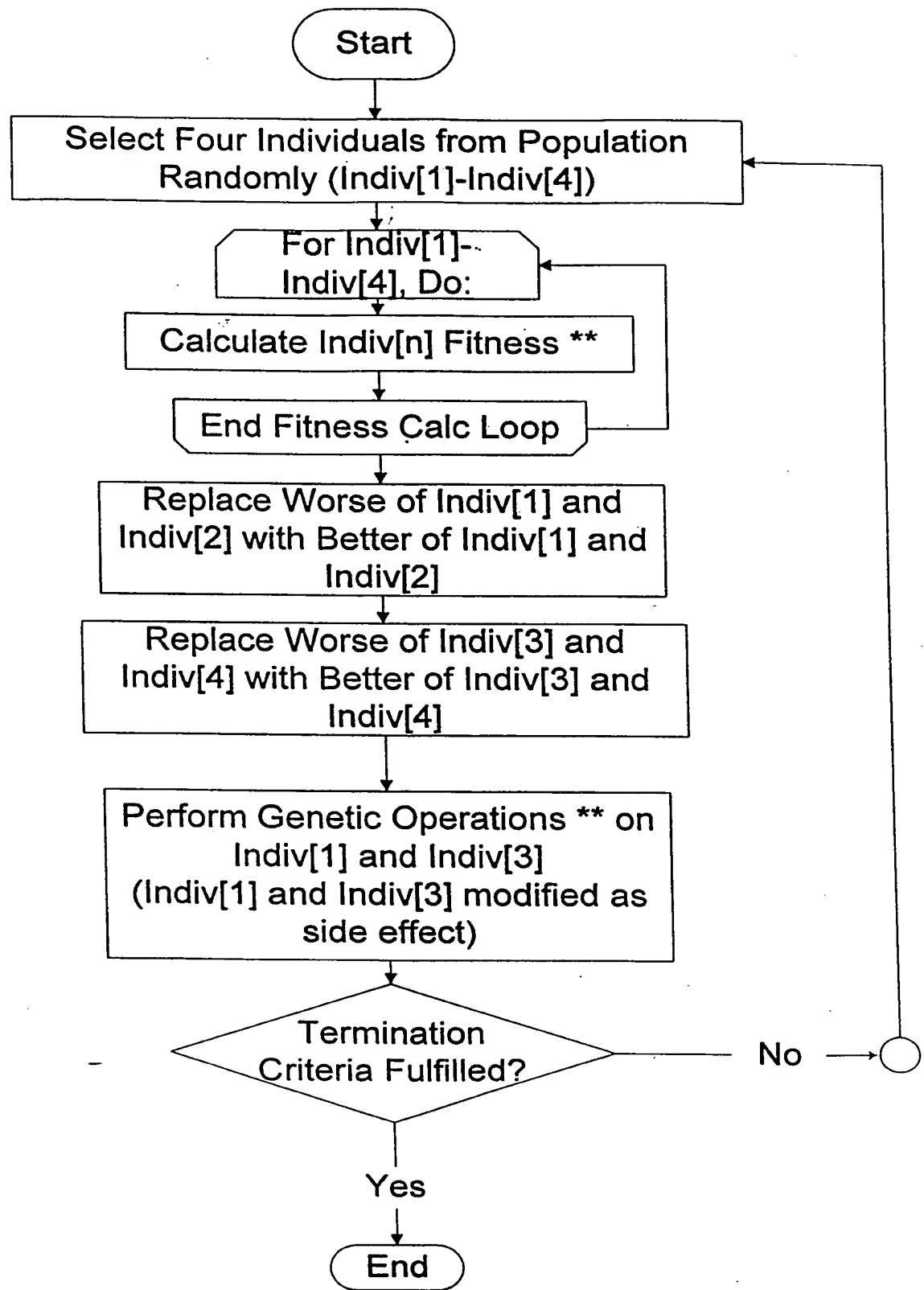


Initialization
Fig. 18c

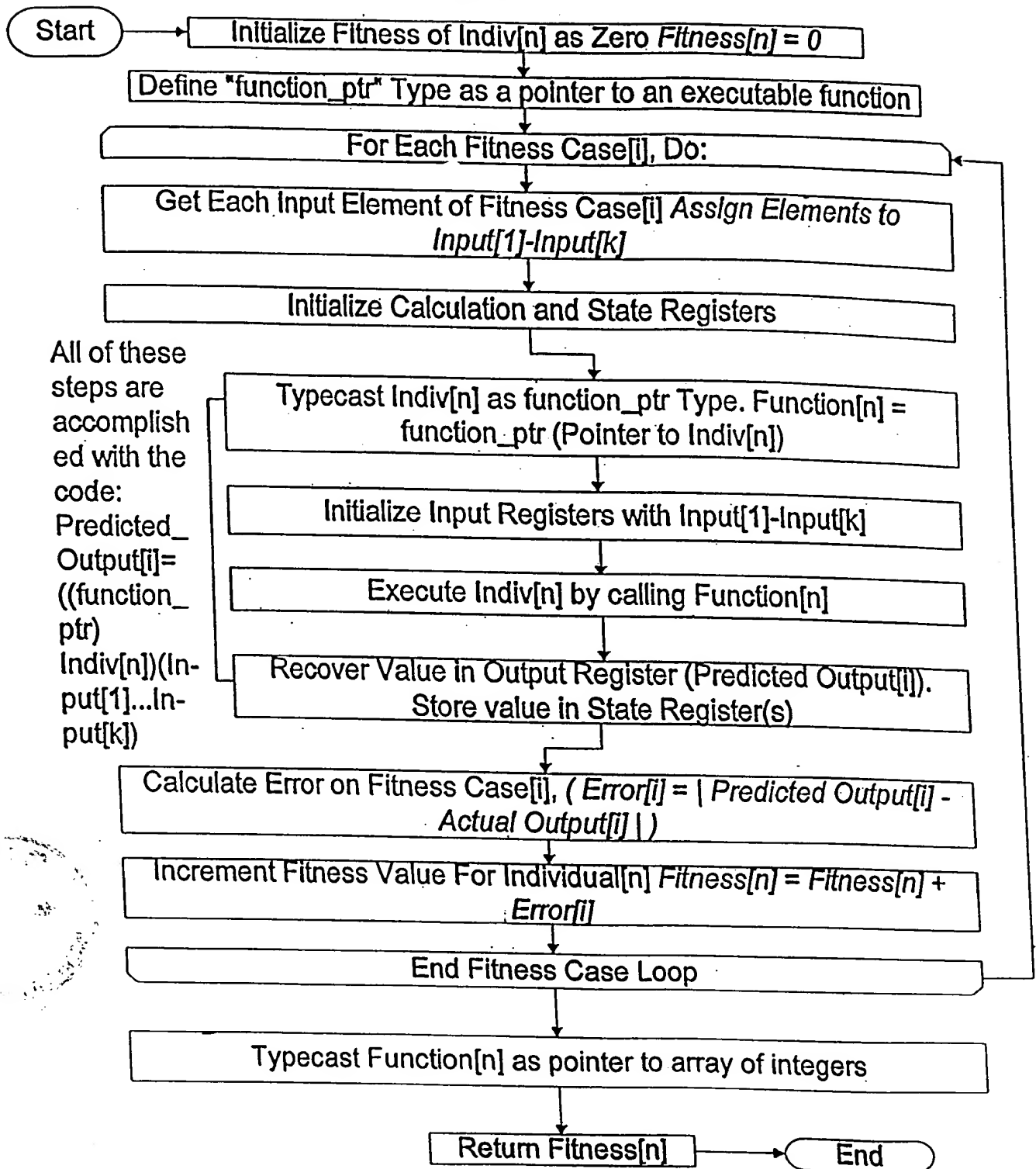


Create Instruction
Fig. 18d

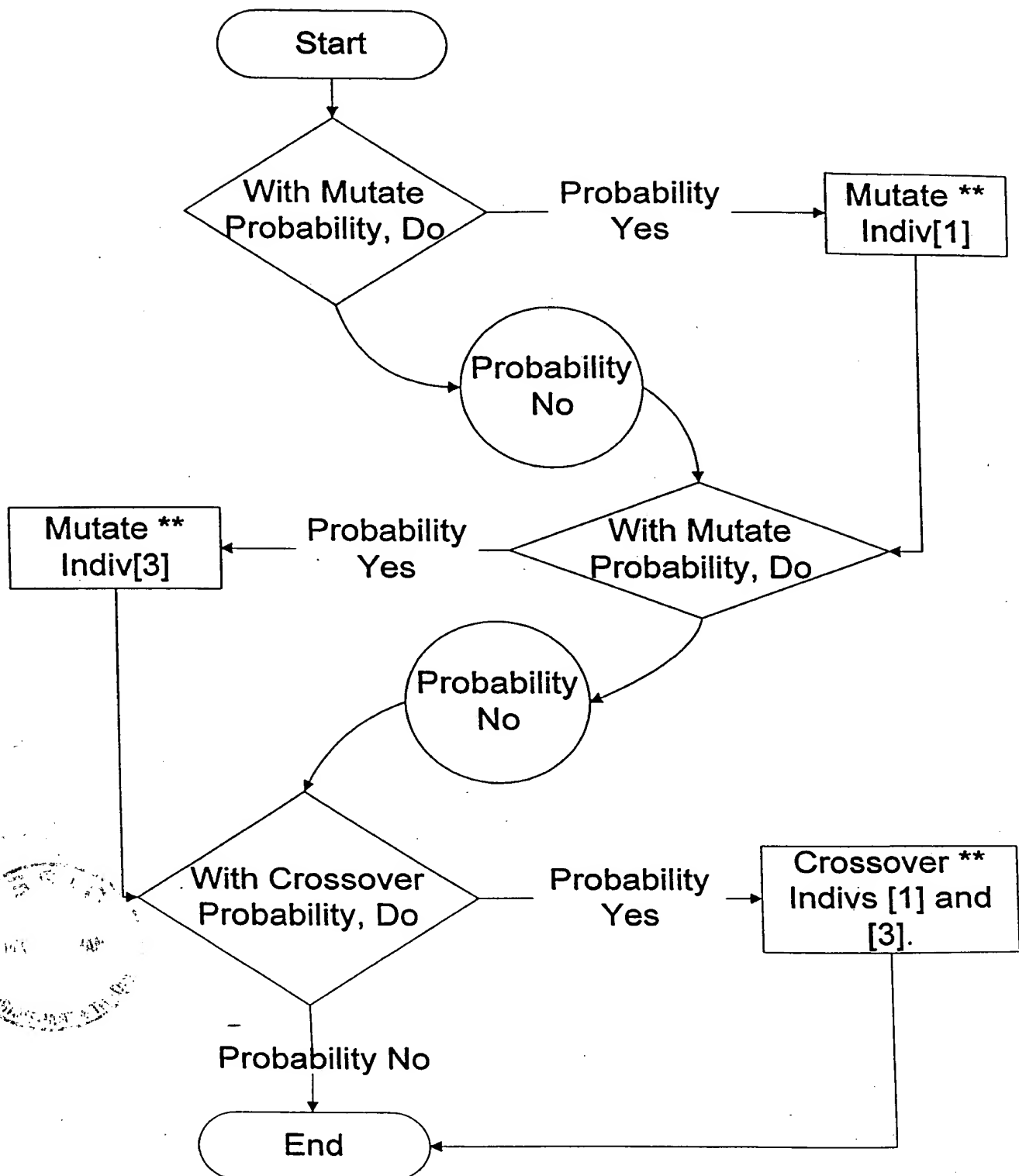
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Main CGPS Loop
Fig. 18e



Calculate Indiv[n] Fitness
Fig. 18f



Perform Genetic Operations
Fig. 18g

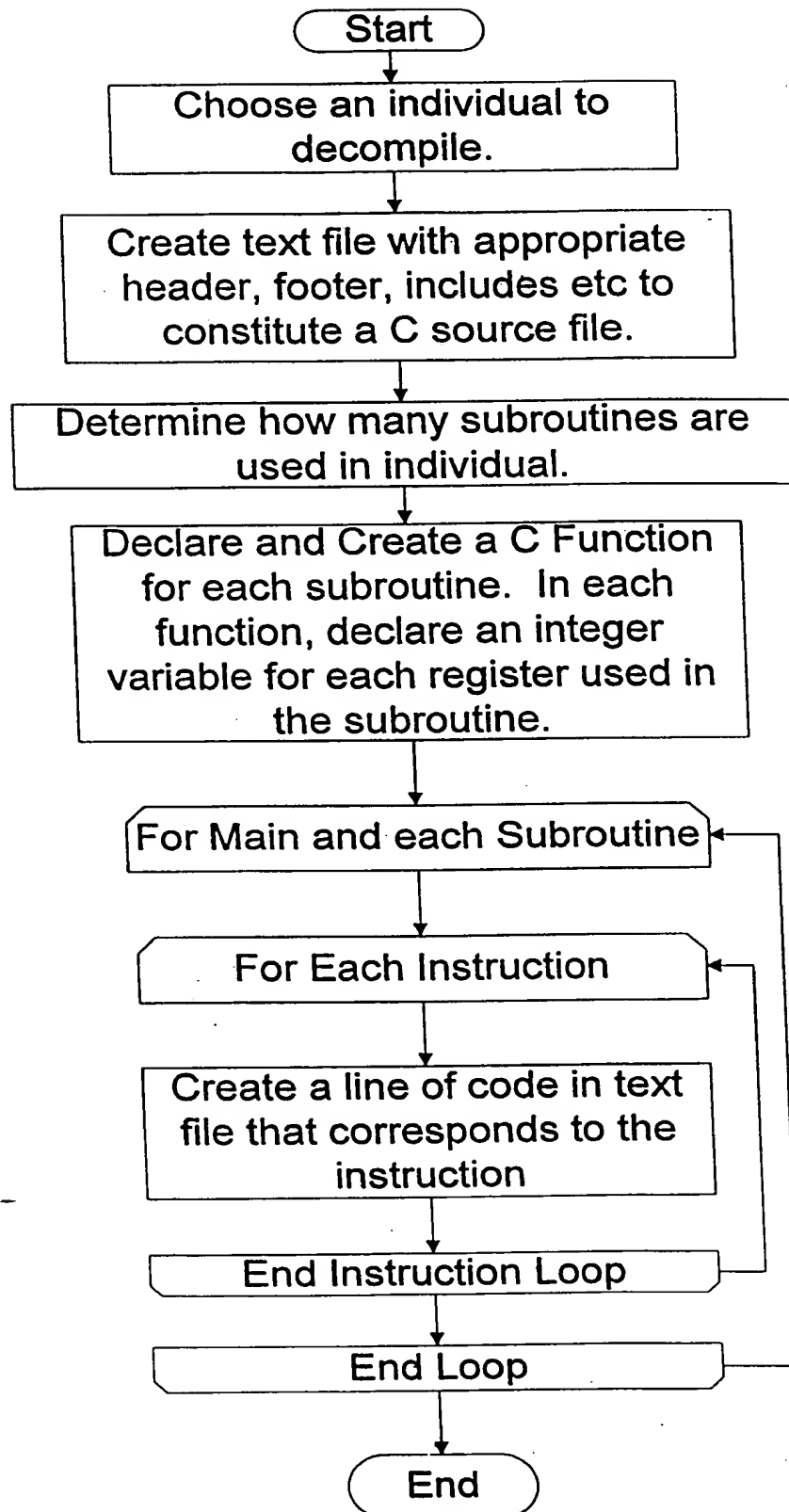


Fig. 18h

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	F_0	F_1	F_2	F_3	F_4	F_5	F_6
Main	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>
Sub 1	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>
Sub 2	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> <div></div> <div></div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>	<div> <div>H</div> <div>H</div> <div>H</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>T</div> <div>R</div> </div>

Fig. 19

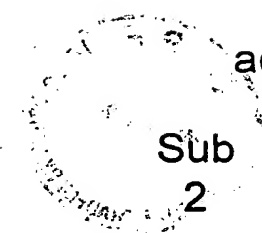


Fig. 20

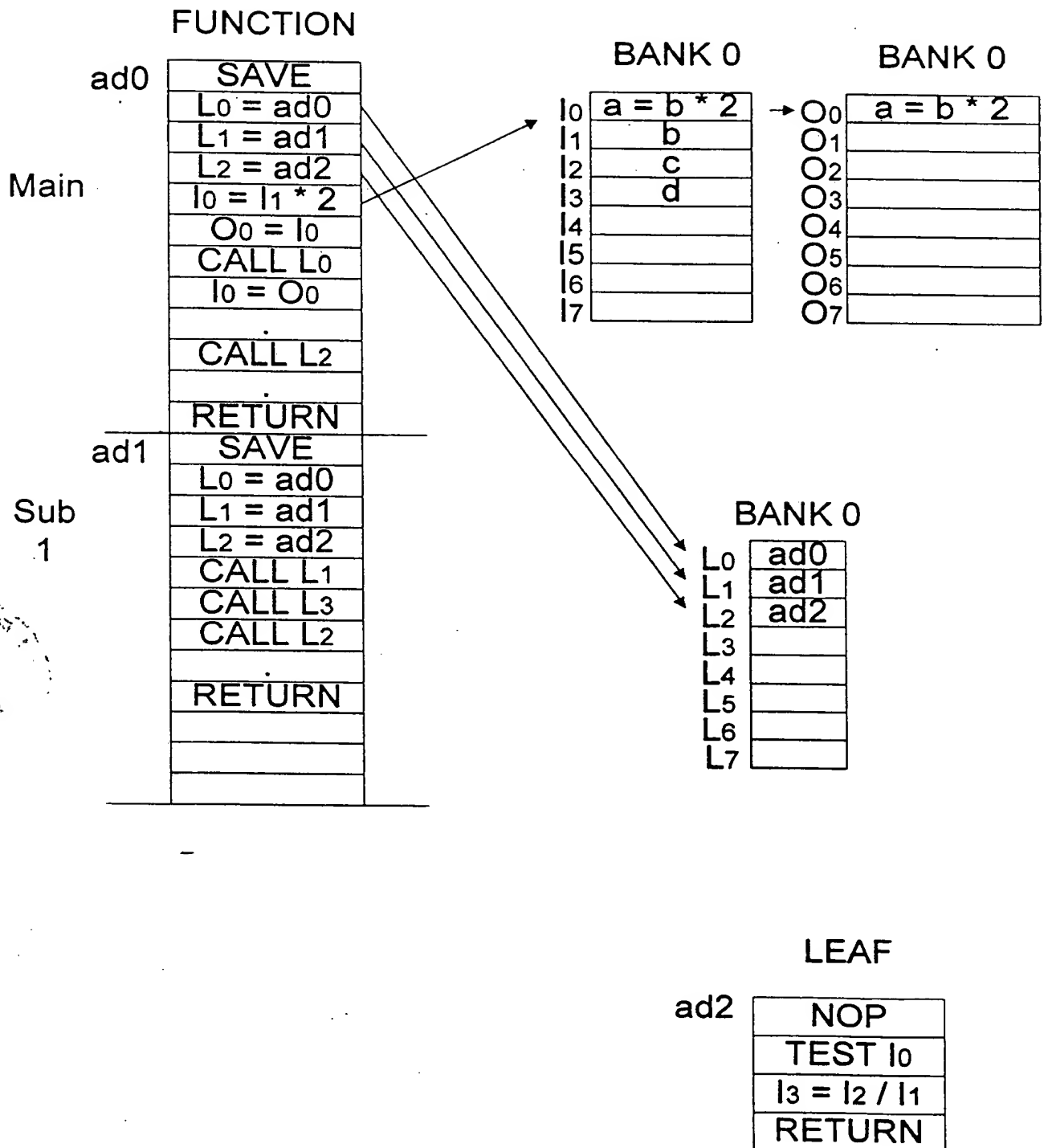


Fig. 21

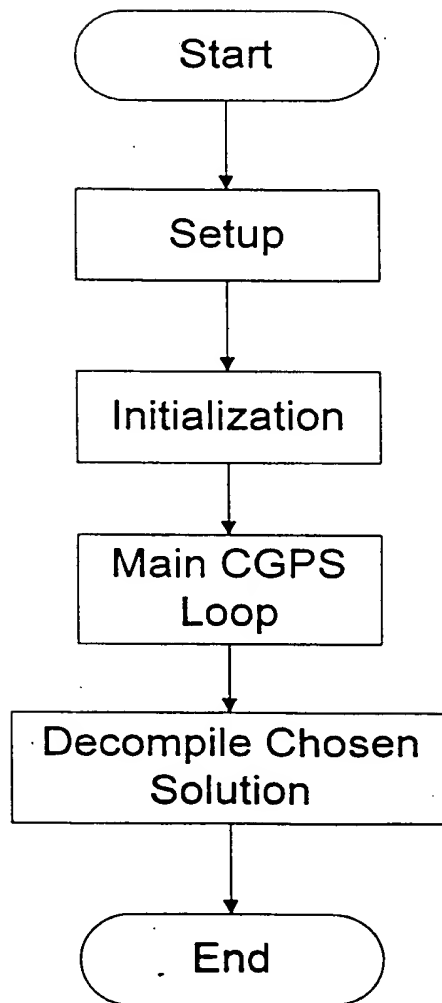


Fig. 22a

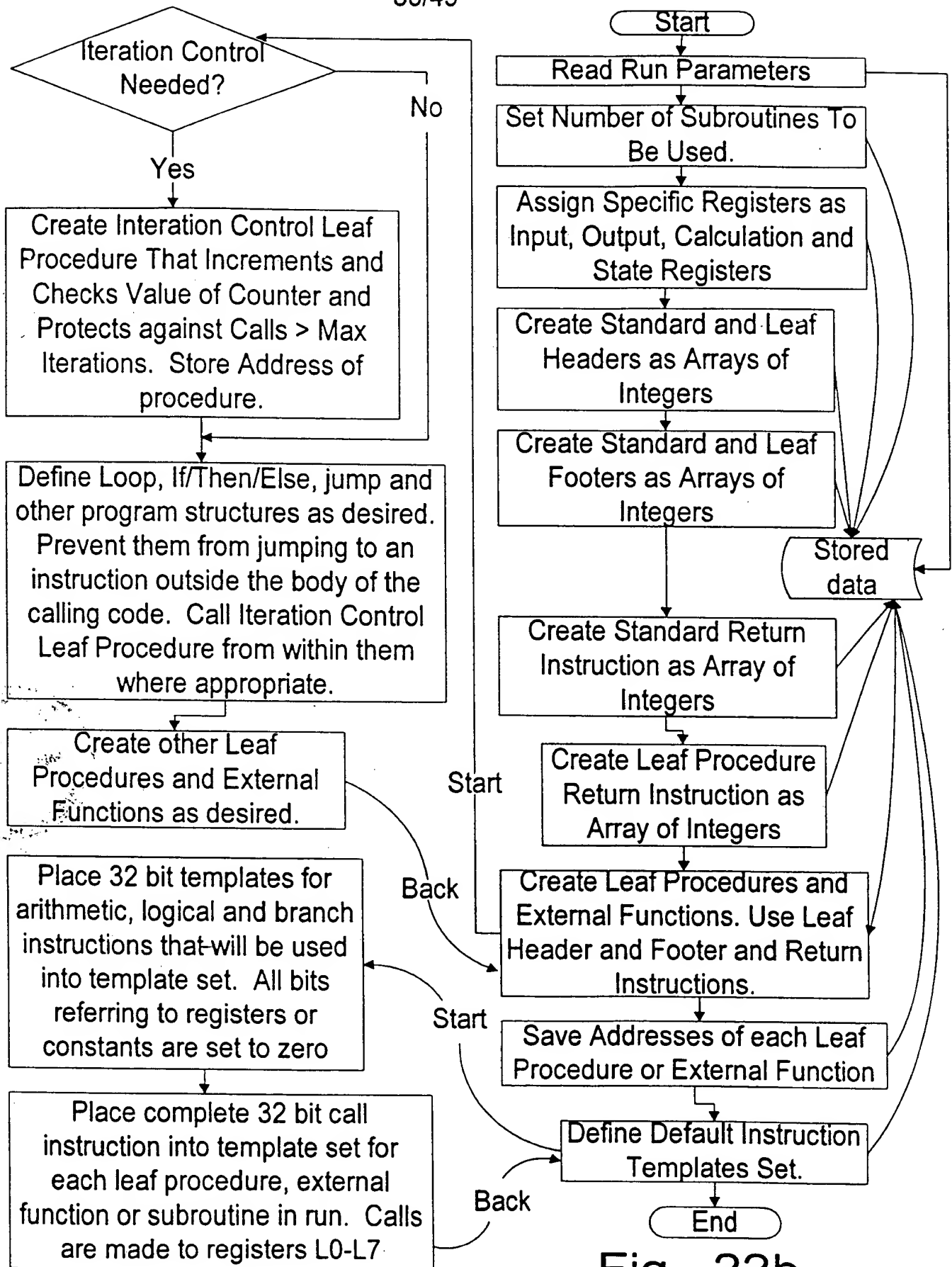


Fig. 22b

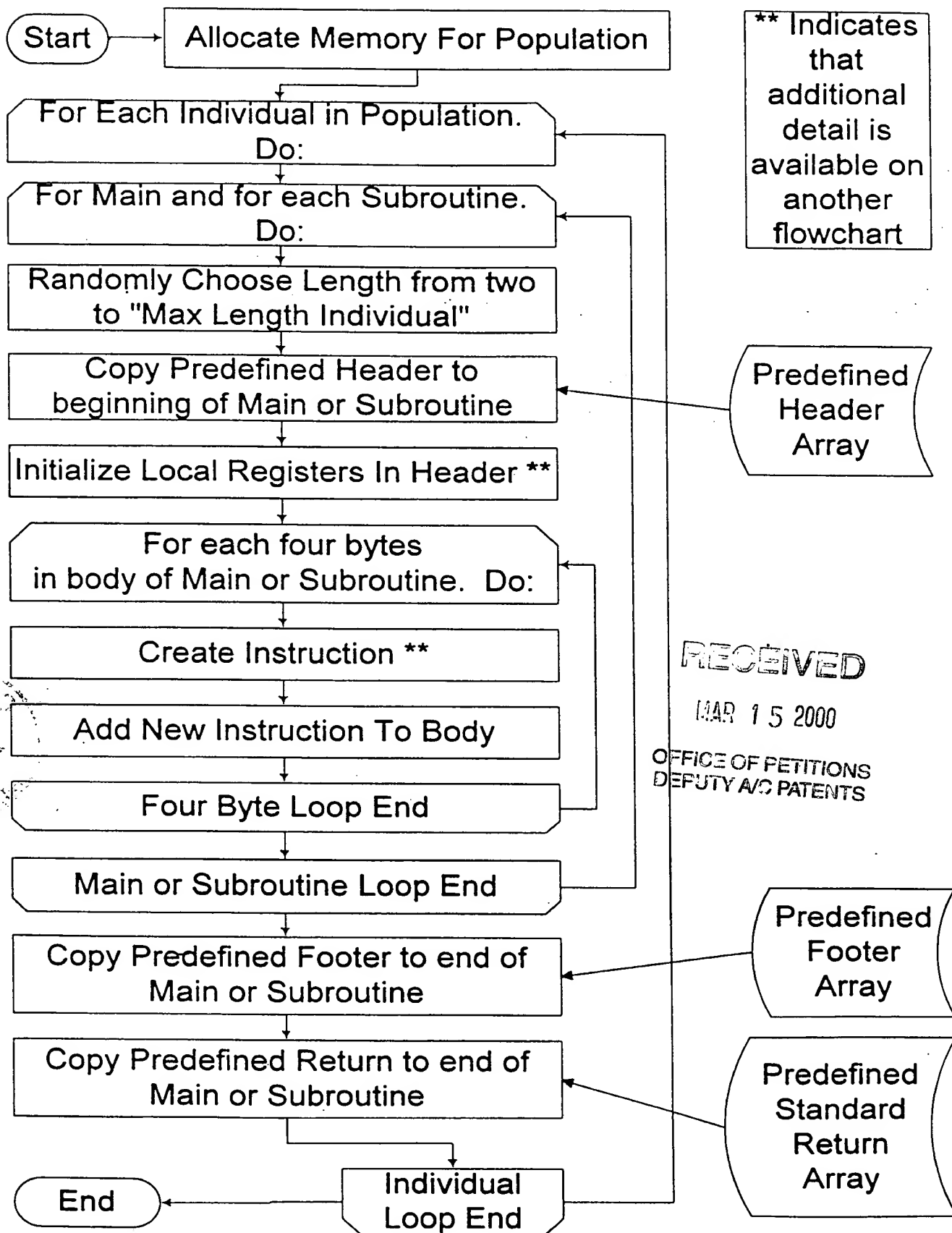


Fig. 22c

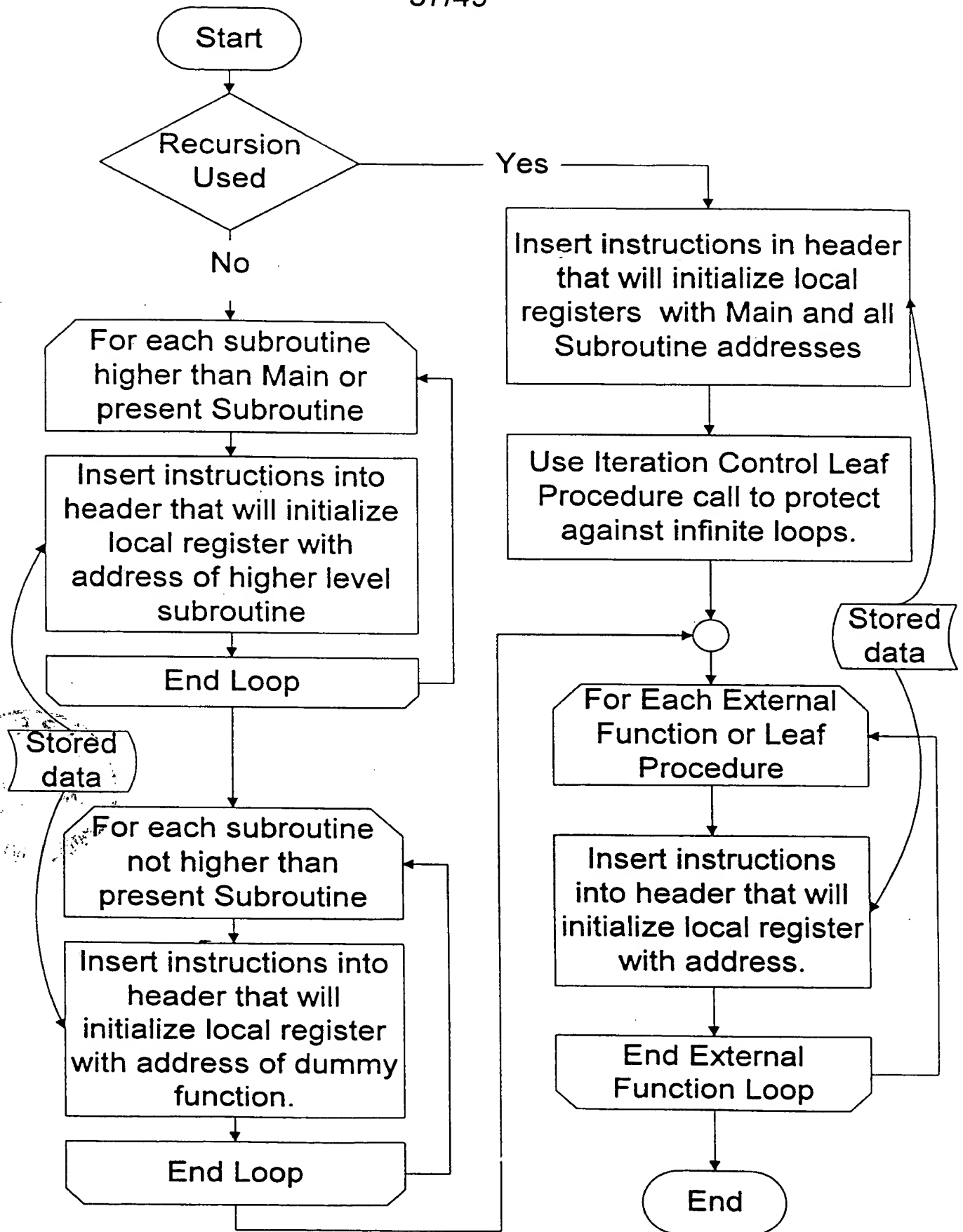


Fig. 22d

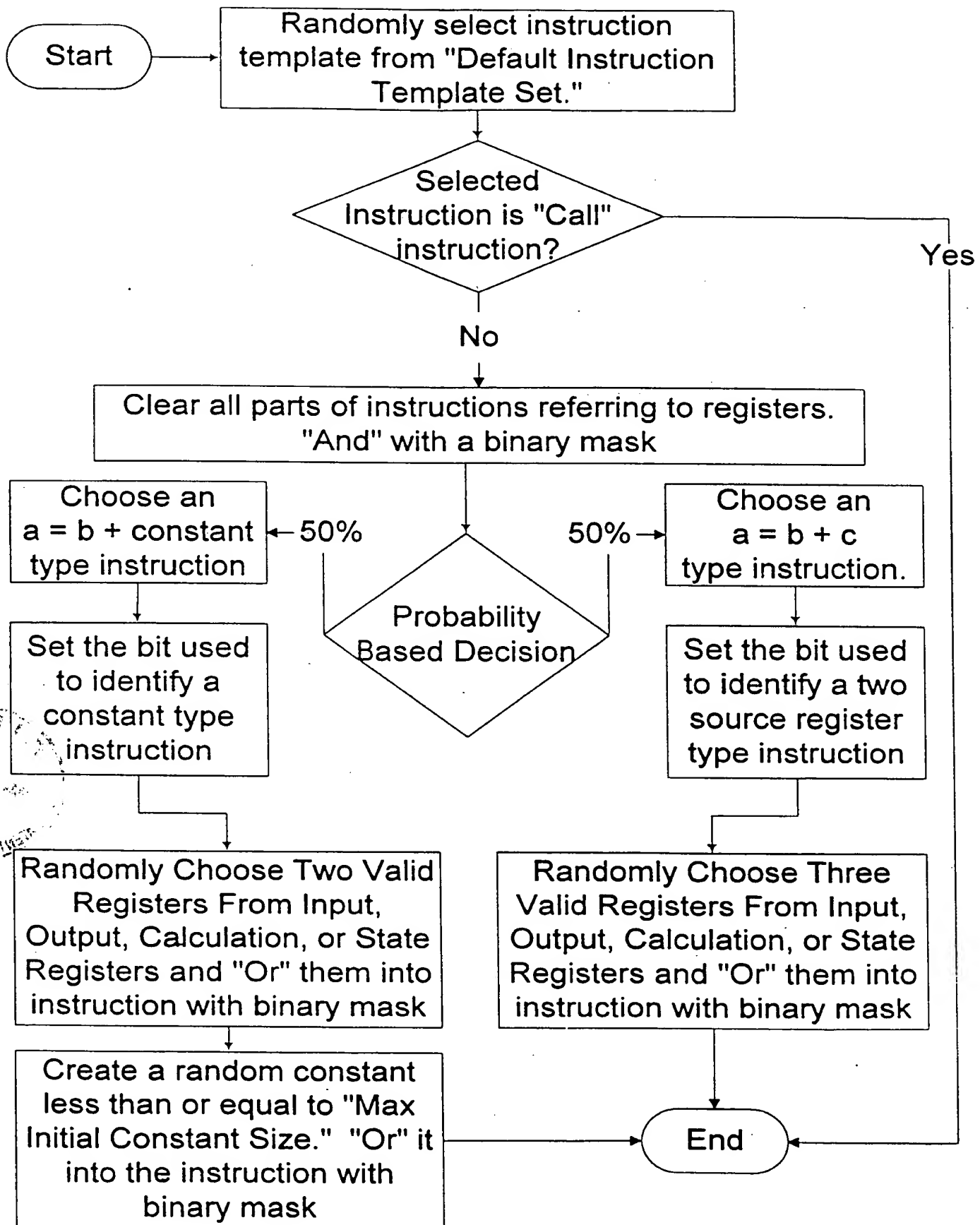


Fig. 22e

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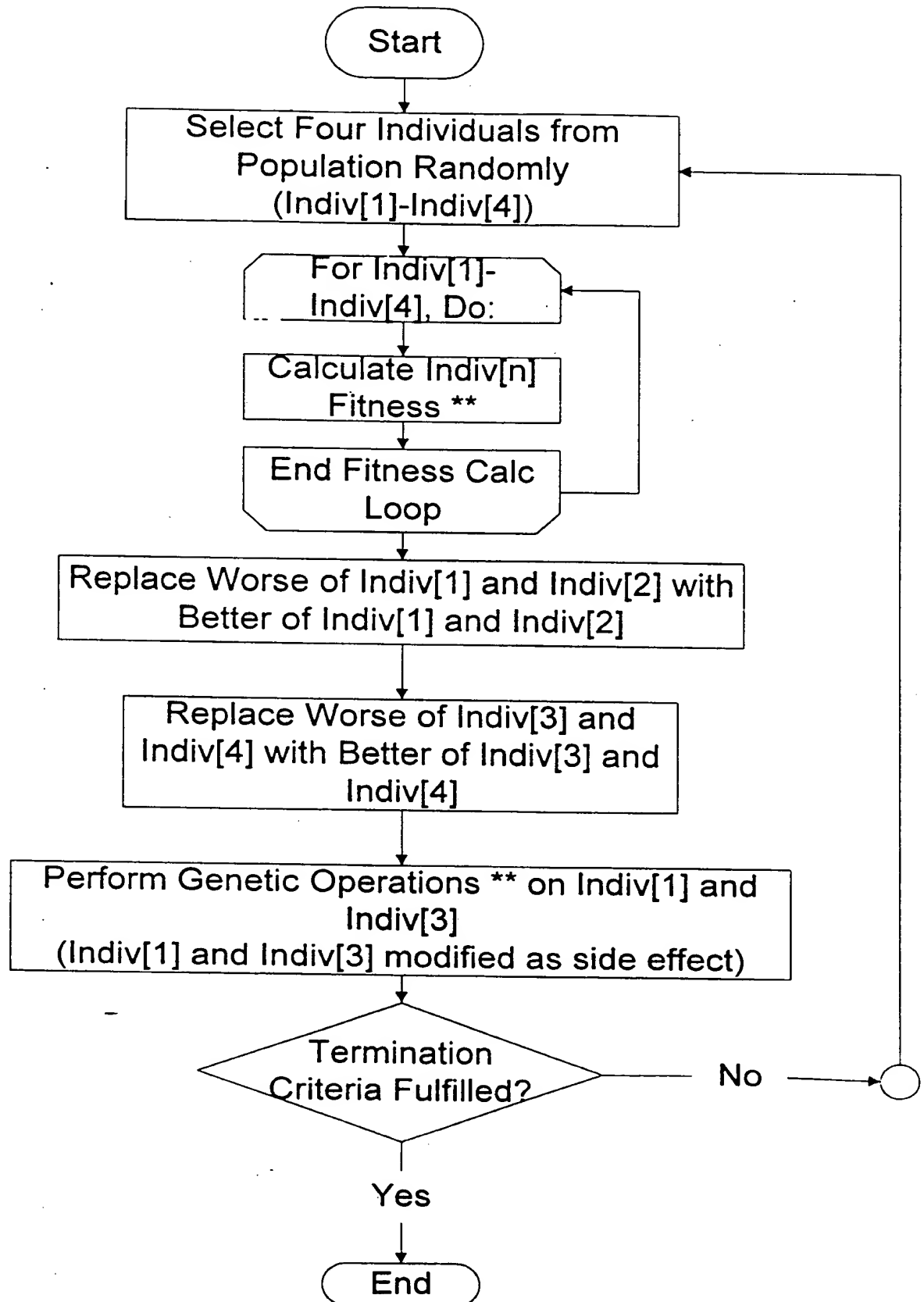


Fig. 22f

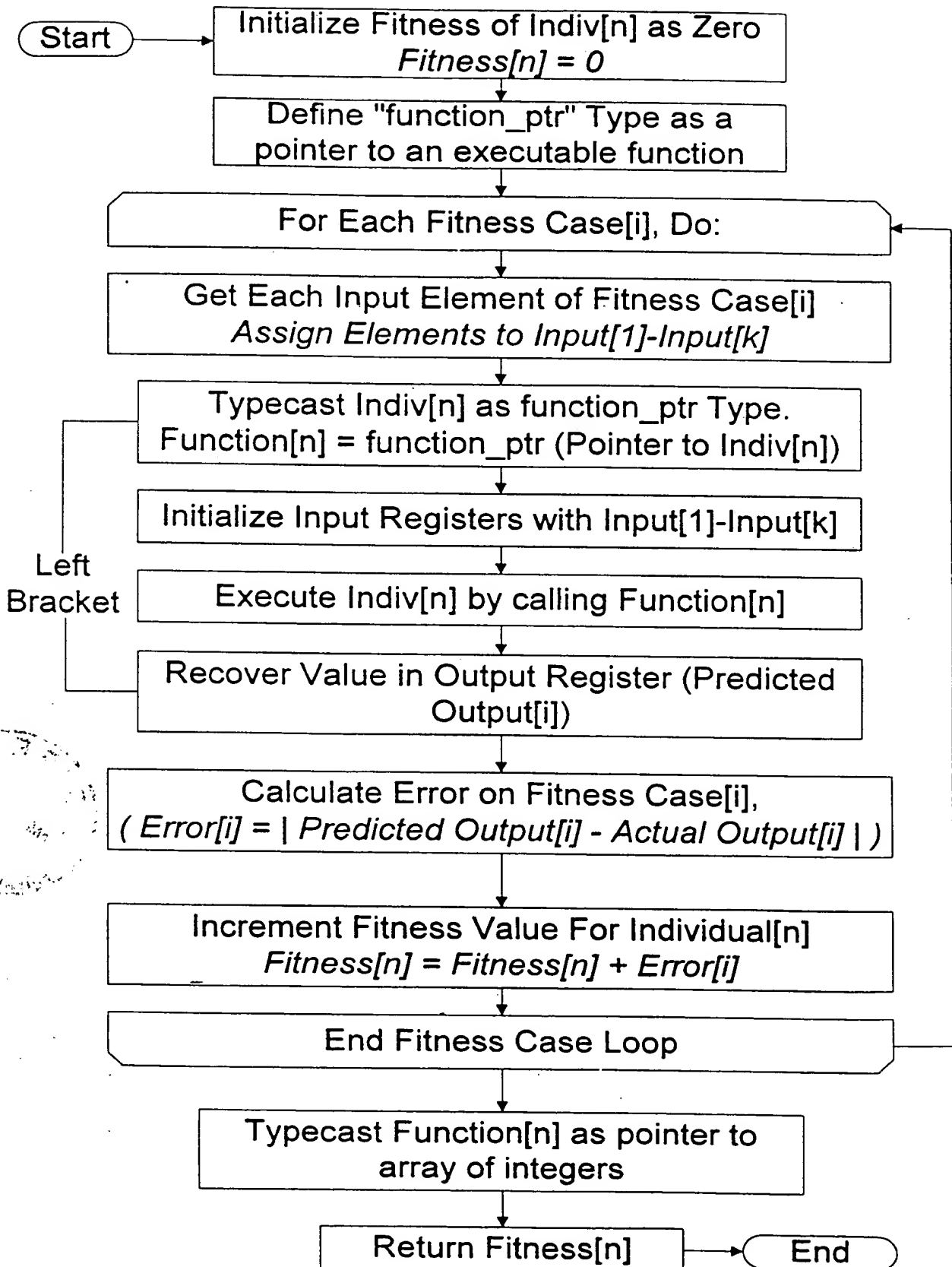


Fig. 22g

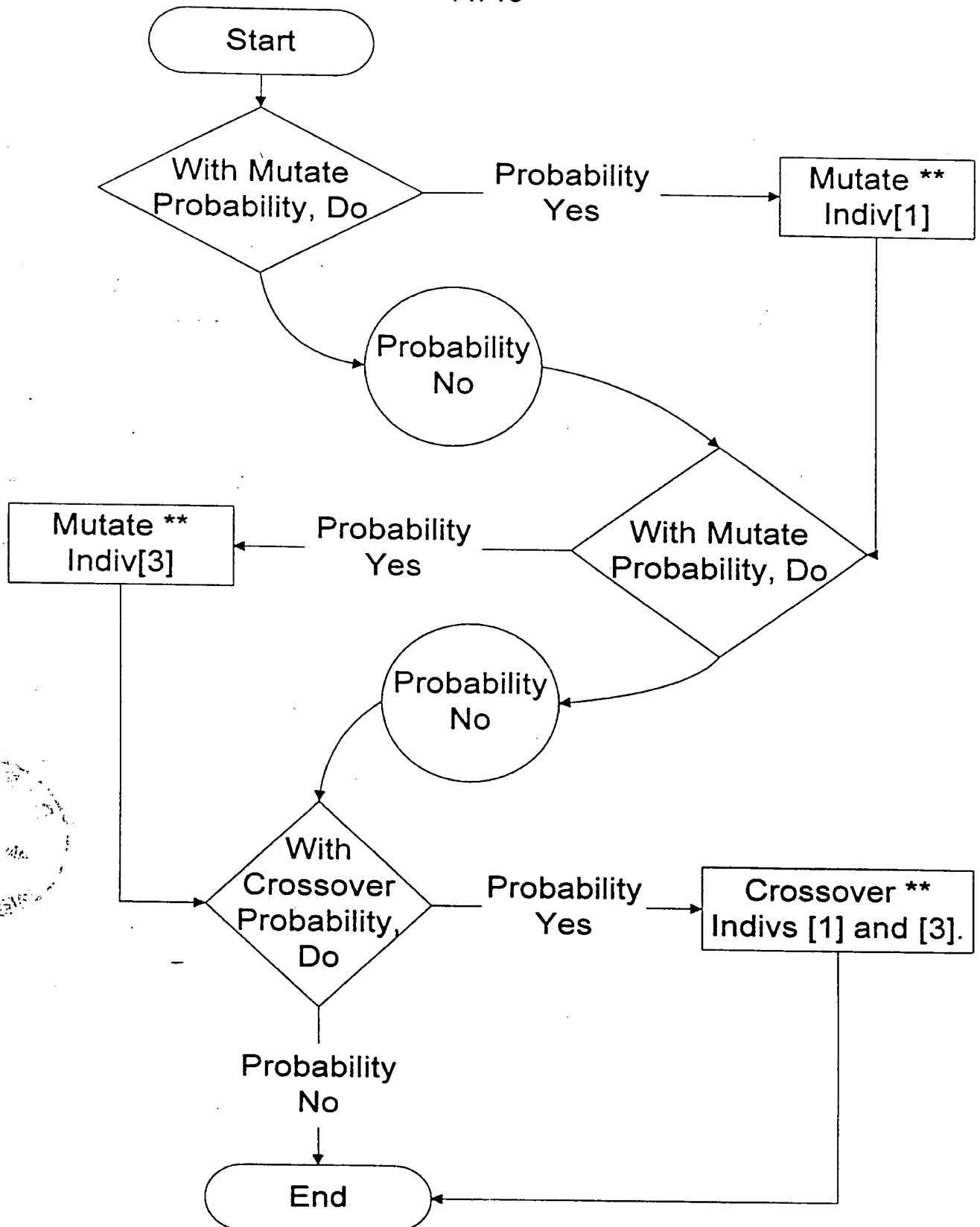


Fig. 22h

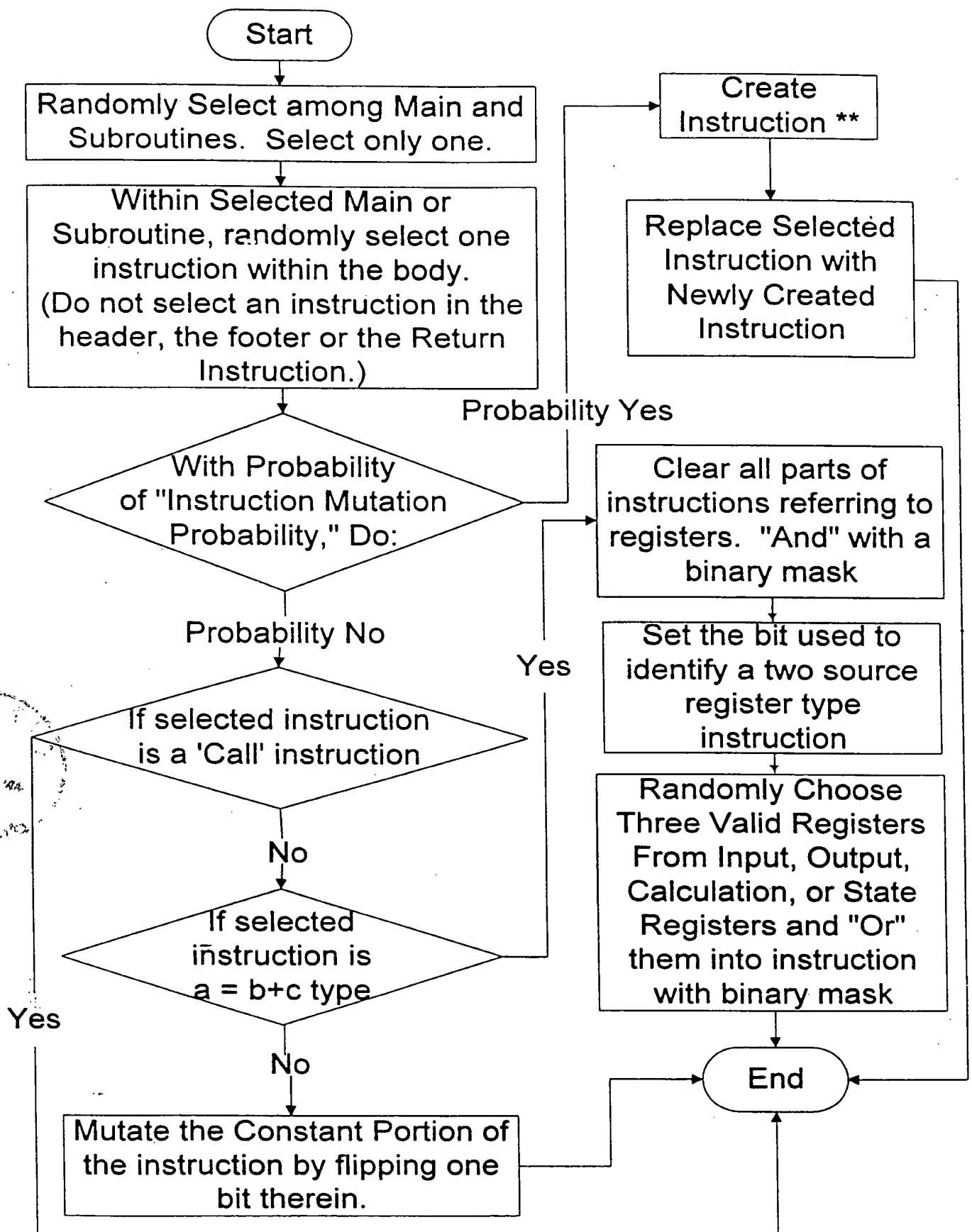


Fig. 22i

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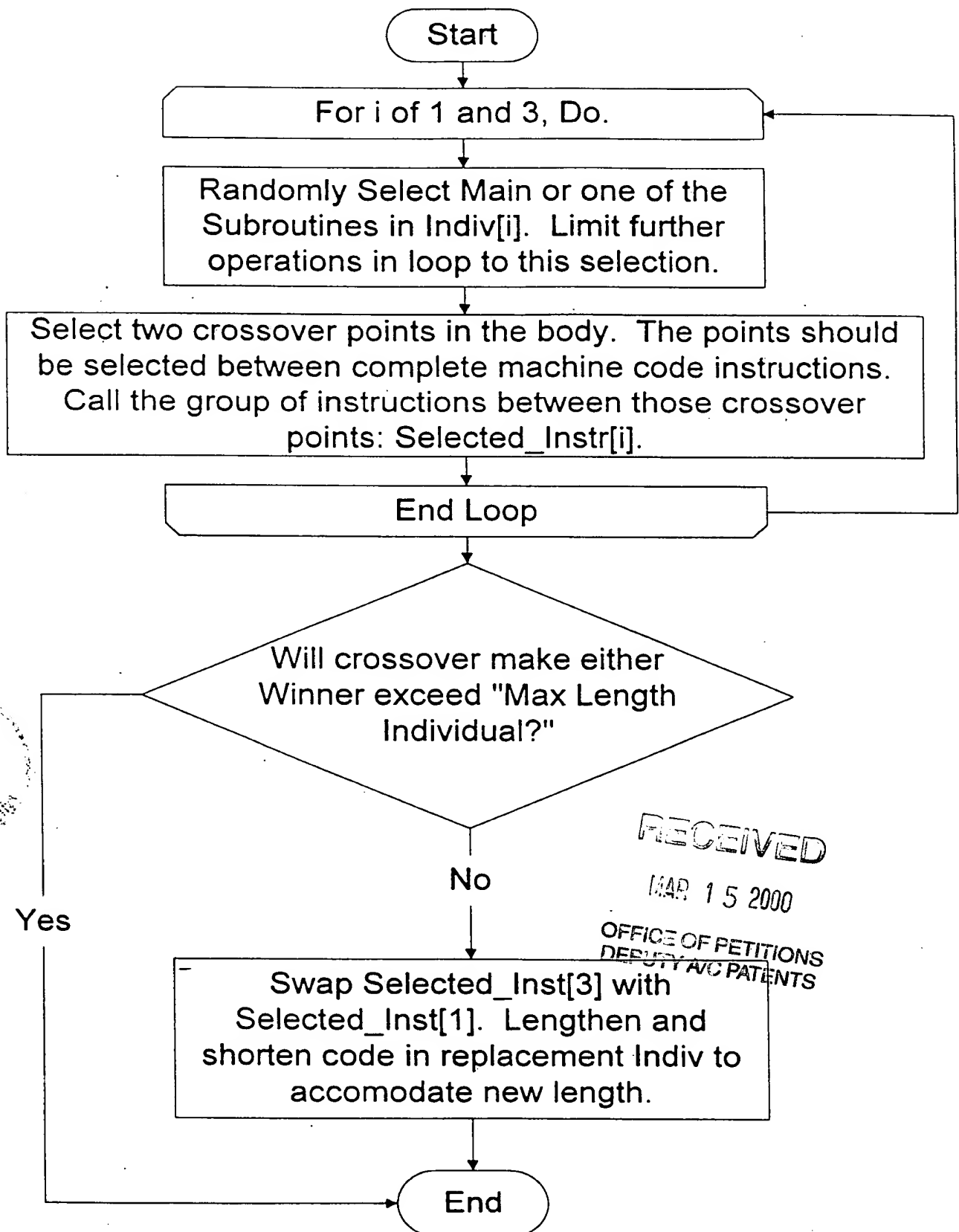


Fig. 22j

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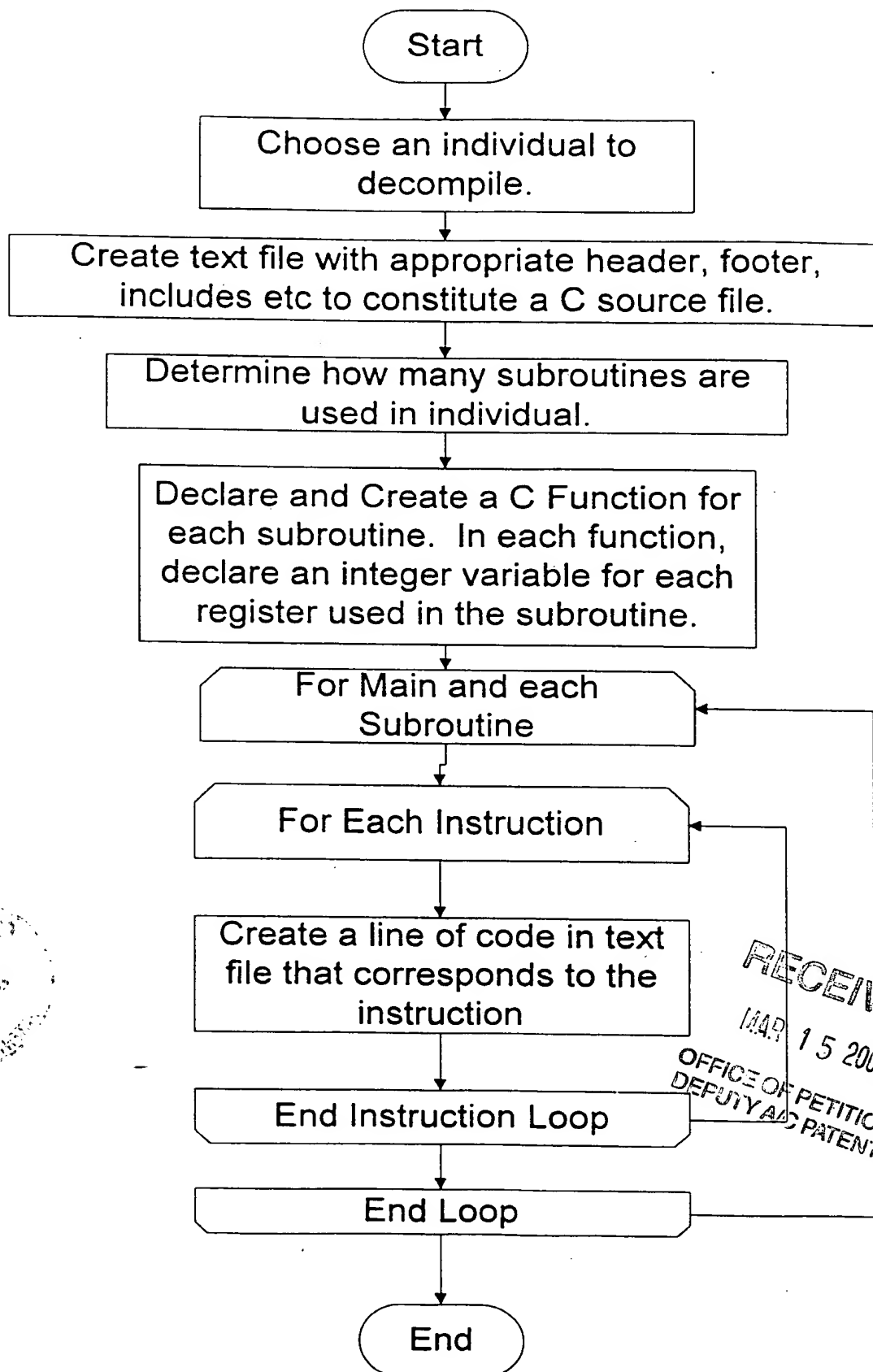


Fig. 22k